

## 1.0 Method statement

# Kings House - External Decoration

**Location of works:**

Kings House Doff External Decoration

**Site address:**

40-42 King Street West  
Manchester  
M34WY

**Project reference:** 2126.

**Client:** Bruntwood SciTech

**Principal contractor:** Amspec Ltd

**Start date and end date:** 22/07/2024 to 27/05/2025

**Document created:** 18 Jul 24

**Document updated:** 18 Jul 24

**Revision number:** 1

**Document approved:** 18 Jul 24

**Approved by:** Michelle Aidley

**Prepared by:** Michelle Aidley

**Position:** Health, Safety & Compliance Co-Ordinator

## 1.1 Description of activity

The external decoration will consist of priming and re-painting of existing steel gate & rendered up stand to the King Street West Entrance.

Proposed metal paint for existing steel gates.

Manufacturer- PPG Johnstone

Product: Performance Coatings Smooth Metal Paint (Data sheet attached)

Colour RAL 9005

### Sequence:

- Remove any heavy rust deposits which may have formed since the manufacture of the substrate by using methods appropriate to site conditions such as wire brushing, chipping, blast cleaning to Sa2½ profile sweep, or light blast cleaning.
- Allow to dry completely before painting commences
- Avoid the inhalation of dust. Wear approved respiratory equipment if dry sanding.
- The length of time until first maintenance of all protective systems can be greatly improved by ensuring that the dry film thickness of the paint system on all welds, sharp edges, bolts, nuts and other fixings is at the correct level. This can be achieved by giving extra stripe coats of each coat to all these sensitive areas.
- 3No coats of Johnstone's Performance Coatings Smooth Metal Paint
- Each coat to achieve a wet film thickness in accordance with the manufacturer's recommendations.
- Repeat process until complete.
- Proposed masonry paint for rendered upstands
- Manufacturer- PPG Johnstone
- Product: Stormshield Smooth Masonry (data sheet attached)
- Colour RAL 9005

### Sequence:

- All surfaces to be painted should be clean, dry and free from loose and flaking material including dirt and grease.
  - Any fungal, algal or lichen should be removed with doff steam cleaning method and rendered substrate suitably dry.
  - Stabilise surfaces of highly porous or friable nature with Johnstones Trade Stormshield Quick Dry Stabilising solution in accordance with recommendations.
  - Avoid any inhalation of dust and wear suitable face fitted face.
  - Apply two full coats of Stormshield smooth masonry, allowing 2-4 hours between coats under normal drying conditions.
- NOTE: Do not apply in temperatures below 2 degrees or in damp conditions.



## 1.2 PPE Requirements



Safety Hats



Safety Boots



Hi Vis Vest



Safety Gloves



Dust Mask



Safety Goggles



Protective Clothing



Long Sleeves and  
Trousers

## 1.3 Specific PPE requirements

- **Mandatory PPE requirements are:** Hard hat, High Visibility Vest, Safety Footwear with an S3 rating, gloves (specified types as follows)

Gloves conform to EN388:2003

The traffi TG1210 glove must be worn when moving or handling, materials or for manual handling activities

The Beeswift Kutstop amber glove **must** be worn when using utility knives.

Kevlar gloves (and sleeves-gauntlets) must be worn when handling glass, regardless of the size or quantity

- Additional PPE requirements may include, goggles, safety glasses, dust masks, ear defenders. These will be specified in the task specific risk assessments, please ensure you read the PPE requirements carefully before work begins
- Dust masks must have FFP3 filters
- Operatives must be face fit tested
- Check COSHH assessments as they will specify any additional PPE requirements for products being used

## 1.4 Risk assessment register

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## 1.5 COSHH register

- JOHNSTONES TRADE STORMSHIELD SMOOTH MASONRY - page 23

## 1.6 Sequence of operations

### 1.6.1 General

#### General actions

- Inform anyone who may be affected by the work any dangers or hazards present.
- Erect signs and/or barriers as required.
- Ensure the safe use of all tools and equipment in accordance with risk assessment.
- Ensure all tools required are in good working order.
- Ensure you have all PPE as named in risk assessment.
- Carry out pre-use inspection on all PPE to check for signs of damage, defect or tampering
- Store all materials in safe piles away from common walk through areas and fire exits.

### 1.6.2 Manual handling

#### Pushing and pulling

- Pushing and pulling is done using the body's own weight; lean forward when pushing, lean backwards when pulling
- Ensure you have enough grip on the floor to be able to lean forward/ backwards
- Avoid twisting and bending your back
- Handling devices have handles/hand grips so that you can use your hands to exert a force; handle height should be between the shoulder and waist so that you can push/pull in a good, neutral posture
- Handling devices are well-maintained so that the wheels have appropriate size and they run smoothly
- Floors are hard, even and clean

## 1.7 Legislation

- Health and Safety Work Act 1974
- Fire Safety Act 2021
- The Management of Health and Safety at Work Regulations 1999, amendment 2006
- Workplace (Health, Safety and Welfare) Regulations 1992
- The Control of Asbestos Regulations 2012
- Provision and Use of Work Equipment Regulations (PUWER) 1998
- The Reportable Injuries Diseases & Dangerous Occurrence Regulations 2013 (RIDDOR)
- Control of Substances Hazardous to Health Regulations 2002
- The Work at Height Regulations 2005
- The Personal Protective Equipment at Work Regulations 2022
- The Manual Handling Operations Regulations 1992
- The Construction (Design and Management) Regulations 2015

## 1.8 Welfare requirements

Welfare arrangements will be provided at induction and will be outlined in the construction phase plan

Welfare facilities will consist of

- Toilets with hand washing and drying provisions
- Washing facilities suitable for the work taking place
- Drinking water, hot and cold or warm water
- All welfare areas will have adequate shelter, heating, lighting, ventilation and be suitable cleaned
- Rest areas with tables and chairs
- Provisions for heating food and water

Welfare areas must be kept clean and tidy at all times

Waste must be removed immediately after use and placed in waste bins provided

Smoking, vaping or e-cigarettes are not permitted in any welfare locations

## 1.9 Hazardous substances

COSHH Assessments will be in place for all hazardous substances

These must be read before work begins

## 1.10 Tools and equipment

- All equipment or tools brought on to premises will be of sound construction and will meet the statutory requirements applicable to these tools or equipment.
- Tools and equipment used on site will be inspected by competent staff on a regular basis to ensure they are fit for purpose.
- Electrical tools will be regularly PAT tested.
- Only competent operatives will use equipment that requires adequate training.
- Any unused tools will be kept locked in toolboxes.
- Step ladders/podium steps/access towers
- Power tools (battery or 110v)
- Buckets
- Cloths
- Window cleaning tools
- Pressure washers
- Vacuum cleaners

Refer to risk assessment specific control measures for any tools & equipment.

## 1.11 Manual handling

Manual handling aids will be used if available

The Manual Handling Operations Regulations (MHOR) 1992 establish a clear hierarchy of measures for dealing with risks from manual handling, these are:

- Avoid hazardous manual handling operations so far as is reasonably practicable.
- Assess any hazardous manual handling operations that cannot be avoided.
- Reduce the risk of injury so far as is reasonably practicable.
- The workforce will be trained to, observe safe lifting techniques, and safely handle loads.
- No one will be expected to lift on their own, materials weighing more than 25kg.
- Safe manual handling procedures should be followed at all times.

There are some basic principles that everyone should observe prior to carrying out a manual handling operation:

- Ensure that the object is light enough to lift, is stable and unlikely to shift or move.
- Heavy or awkward loads should be moved using a handling aid.
- Make sure the route is clear of obstructions.
- Make sure there is somewhere to put the load down wherever it is to be moved to.
- Stand as close to the load as possible, and spread your feet to shoulder width.
- Bend your knees and try and keep the back's natural, upright posture.
- Grasp the load firmly as close to the body as you can.
- Use the legs to lift the load in a smooth motion as this offers more leverage reducing the strain on your back.
- Carry the load close to the body with the elbows tucked into the body.
- Avoid twisting the body as much as possible by turning your feet to position yourself with the load.

When ever manual handling is to be undertaken, especially if it is an uncommon or high risk task, an assessment of four specific activities – Task, Individual, Load and Environment (easily remembered by the acronym TILE) needs to be implemented:

### **T - The Task**

Does the activity involve twisting, stooping, bending, excessive travel, pushing, pulling or precise positioning of the load, sudden movement, inadequate rest or recovery periods, team handling or seated work?

### **I - The Individual**

Does the individual require unusual strength or height for the activity, are they pregnant, disabled or suffering from a health problem. Is specialist knowledge or training required?

### **L - The Load**

Is the load heavy, unwieldy, difficult to grasp, sharp, hot, cold, difficult to grip, are the contents likely to move or shift?

### **E- The Environment**

Are there space constraints, uneven, slippery or unstable floors, variations in floor levels, extremely hot, cold or humid conditions, poor lighting, poor ventilation, gusty winds, clothing or Personal Protective Equipment that restricts movement?

All work will be undertaken by qualified competent persons with experience of the type of work described above, and in all cases in full accordance with safety procedures specified in the company's health and safety Policy.

The work activities described within this method statement and all associated safety measures are not to be deviated from in any way. If, for any reason, the method statement cannot be implemented in full or should the described process be found inadequate for the purpose of providing a safe working environment, the affected activities must cease until such time as the method statement has been amended and re-approved as appropriate with any changes communicated by a toolbox talk to all employees involved before work recommences.

## 2.0 Risk assessment

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## Example risk matrix

Likelihood 4  
 x  
 Severity 5  
 =  
 Risk/residual risk 20

|          |              | Likelihood    |          |          |        |             |
|----------|--------------|---------------|----------|----------|--------|-------------|
|          |              | Very Unlikely | Unlikely | Possible | Likely | Very likely |
|          |              | 1             | 2        | 3        | 4      | 5           |
| Severity | Negligible 1 | 1             | 2        | 3        | 4      | 5           |
|          | Minor 2      | 2             | 4        | 6        | 8      | 10          |
|          | Moderate 3   | 3             | 6        | 9        | 12     | 15          |
|          | Major 4      | 4             | 8        | 12       | 16     | 20          |
|          | Extreme 5    | 5             | 10       | 15       | 20     | 25          |

## 2.1 Manual Handling

### 2.1.1 Task: Moving of materials of a regular shape and size

| Hazard                                                                                       | Risk | Control measures                                                                                                                            | RR |
|----------------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------------------------------------------------------------|----|
| Injuries sustained from incorrect manual handling of materials with a regular shape and size | 5    | PE: Gloves (with grip properties), goggles or spectacles, safety boots, hard hat                                                            | 2  |
|                                                                                              | x    |                                                                                                                                             | x  |
|                                                                                              | 3    | Manual handling training provided, if a formal certificate is unavailable a detailed toolbox talk will be implemented before work commences | 3  |
|                                                                                              | =    |                                                                                                                                             | =  |
|                                                                                              | 15   | All manual handling tasks take into account the TILEO method (task, individual, load, environment, other) – refer to tool box talk          | 6  |
|                                                                                              |      | Mechanical lifting used where required                                                                                                      |    |
|                                                                                              |      | Ensure that all aspects of manual handling are considered, including:                                                                       |    |
|                                                                                              |      | Lifting                                                                                                                                     |    |
|                                                                                              |      | Carrying                                                                                                                                    |    |
|                                                                                              |      | Twisting                                                                                                                                    |    |
|                                                                                              |      | Stooping                                                                                                                                    |    |
|                                                                                              |      | Reaching                                                                                                                                    |    |
|                                                                                              |      | Pushing                                                                                                                                     |    |
|                                                                                              |      | Pulling                                                                                                                                     |    |
|                                                                                              |      | Offloading                                                                                                                                  |    |
|                                                                                              |      | Repetitive handling                                                                                                                         |    |
|                                                                                              |      | Longer distance carrying                                                                                                                    |    |
|                                                                                              |      | If any issues are identified this must be reported to site management immediately                                                           |    |
|                                                                                              |      | Break the load into more manageable loads where possible.                                                                                   |    |
|                                                                                              |      | Ensure lighting is adequate and walkway is cleared from debris and materials.                                                               |    |
|                                                                                              |      | Secure load properly before moving                                                                                                          |    |
|                                                                                              |      | Check the weight of the load before handling                                                                                                |    |
| Persons at risk: User                                                                        |      |                                                                                                                                             |    |

## 2.2 Fire

### 2.2.1 Task: Fire

| Hazard                                                                                                                                                                   | Risk | Control measures                                                                                                               | RR |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------|----|
| Serious injury / fatality                                                                                                                                                | 5    | Trained and competent Fire Marshal/warden to be identified before work commences                                               | 1  |
|                                                                                                                                                                          | x    |                                                                                                                                | x  |
|                                                                                                                                                                          | 4    | Emergency procedure in place and delivered at induction                                                                        | 5  |
|                                                                                                                                                                          | =    | Fire risk assessment to be carried out before work commences                                                                   | =  |
|                                                                                                                                                                          | 20   | Emergency escape routes to be identified and kept free from obstruction at all times                                           | 5  |
|                                                                                                                                                                          |      | Flammable materials must be sufficiently stored , held in small quantities and segregated in line with the COSHH assessment(s) |    |
|                                                                                                                                                                          |      | Emergency signage to be provided                                                                                               |    |
|                                                                                                                                                                          |      | Fire fighting equipment to be positioned throughout at designated points.                                                      |    |
|                                                                                                                                                                          |      | Fire fighting equipment only to be used by trained operatives and not to be used for anything other than their intended use    |    |
|                                                                                                                                                                          |      | A Fire assembly point to be established and all operatives informed of the location                                            |    |
| Method of raising the alarm to be identified and covered in site induction                                                                                               |      |                                                                                                                                |    |
| Smoke/Heat detection to be in place and identified before work begins (this must be outlined in the construction phase plan and fire risk assessment before work begins) |      |                                                                                                                                |    |
| Hot works permits to be carried out for any hot works taking place                                                                                                       |      |                                                                                                                                |    |
| No hot works to be carried out 1 hour before closure                                                                                                                     |      |                                                                                                                                |    |
| Designated hot works stations to be implemented                                                                                                                          |      |                                                                                                                                |    |
| Display warning signage to warn others of areas of no access and hot works taking place                                                                                  |      |                                                                                                                                |    |
| Fire Risk assessment in place                                                                                                                                            |      |                                                                                                                                |    |
| Fire emergency escape plan in plan                                                                                                                                       |      |                                                                                                                                |    |
| Persons at risk: All site operatives                                                                                                                                     |      |                                                                                                                                |    |

2.3 COSHH (Control of substances hazardous to health)

2.3.1 Task: COSHH (Control of substances hazardous to health)

| Hazard                               | Risk                      | Control measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | RR                        |
|--------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Major or minor injuries              | <div>2</div> <div>x</div> | PPE: Review all COSHH Assessments before work begins to ensure PPE requirements are understood and in place before work begins                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <div>1</div> <div>x</div> |
|                                      | <div>3</div> <div>=</div> | Ensure a COSHH assessment is in place for the following;<br>Chemicals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <div>3</div> <div>=</div> |
|                                      | <div>6</div>              | Products containing chemicals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <div>3</div>              |
|                                      |                           | Fumes<br>Dusts<br>Vapours<br>Mists<br>Nanotechnology<br>Gases and asphyxiating gases and<br>Biological agents (germs). If the packaging has any of the hazard symbols then it is classed as a hazardous substance.<br>Germs that cause diseases such as leptospirosis or legionnaires disease and germs used in laboratories.<br>All COSHH items kept in small quantities and must be stored in a, well ventilated, lockable & secure area (in line with COSHH assessment storage information)<br>MSDS available along with COSHH assessments<br>Ensure area is well ventilated. |                           |
| Persons at risk: All site operatives |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |

## 2.4 Slips, trips and falls

### 2.4.1 Task: Movement at ground level

| Hazard                                    | Risk                      | Control measures                                                                                | RR                        |
|-------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------|---------------------------|
| Severe strains, sprains and muscle breaks | <div>3</div> <div>x</div> | PPE: Safety footwear with steel toe cap and mid sole protection, hard hat, high visibility vest | <div>2</div> <div>x</div> |
|                                           | <div>3</div> <div>=</div> | Good housekeeping monitored on site by all operatives                                           | <div>3</div> <div>=</div> |
|                                           | <div>9</div>              | Keep walkways and working areas clear at all times                                              | <div>6</div>              |
|                                           |                           | Ensure emergency exit routes are clear and free from obstruction at all times                   |                           |
|                                           |                           | Ensure any spillages are cleaned up immediately.                                                |                           |
|                                           |                           | Ensure lighting is sufficient.                                                                  |                           |
|                                           |                           | Ensure safety footwear is worn and kept in good condition, particularly the sole and grip       |                           |
|                                           |                           | Carry out regular checks on footwear to ensure that the sole/grip is in good condition          |                           |
|                                           |                           | If any issues are identified this must be rectified before work continues                       |                           |
| Persons at risk: All site operatives      |                           |                                                                                                 |                           |

## 2.5 Working on fixed scaffolds

### 2.5.1 Task: Working on fixed scaffolds

| Hazard                                       | Risk                      | Control measures                                                                                                                                       | RR                        |
|----------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Falls from height, collapse of scaffold      | <div>5</div> <div>x</div> | Scaffolding to be assembled by a trained and competent scaffolding sub-contractor                                                                      | <div>1</div> <div>x</div> |
|                                              | <div>3</div> <div>=</div> | Once erected, a certificate of inspection must be completed and obtained from the scaffold inspector                                                   | <div>3</div> <div>=</div> |
|                                              | <div>15</div>             | A weekly inspection to be arranged and in place (carried out by the scaffold sub-contractor)                                                           | <div>3</div>              |
|                                              |                           | Foreman & Site Managers to undergo scaffold awareness course                                                                                           |                           |
|                                              |                           | The scaffold must be tagged after assembly and updated after each inspection                                                                           |                           |
|                                              |                           | Any issues are identified must be reported to site management immediately                                                                              |                           |
|                                              |                           | Scaffold structures must be updated on the temporary works register and managed by the Temporary works coordinator and the Temporary works supervisor. |                           |
| Persons at risk: All site operatives, Public |                           |                                                                                                                                                        |                           |

## 2.6 Exposure and release of asbestos

### 2.6.1 Task: Exposure and release of asbestos

| Hazard                                                        | Risk                      | Control measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | RR                        |
|---------------------------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Fatal disease (asbestosis) caused by inhaling asbestos fibres | <div>4</div> <div>x</div> | PPE: Safety footwear with steel toe cap and mid sole protection, hard hat, high visibility vest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <div>2</div> <div>x</div> |
|                                                               | <div>5</div> <div>=</div> | Asbestos refurbishment and demolition survey to be carried out to identify location, condition and type of any asbestos containing materials within the building before work commences                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <div>5</div> <div>=</div> |
|                                                               | <div>20</div>             | <p>The asbestos survey must be read at induction by all operatives to ensure ACM locations are known before work begins</p> <p>If the existing survey does not cover the area(s) where work is carried out STOP WORK and report to site management immediately</p> <p>If asbestos is suspected,</p> <p>STOP WORK</p> <ul style="list-style-type: none"><li>-Report to site management immediately</li><li>- Refer to the HSE guidance document EM1 'Asbestos essentials' before work continues</li><li>-Display warning signage and put physical barriers around the area to prevent access</li><li>-An approved asbestos contractor must be appointed immediately, and samples taken of the suspected ACM</li><li>- Work must not continue until results of the samples are returned.</li><li>- If results are negative, work can re-commence</li><li>- If results are positive this will be removed by a licenced contractor before works commence</li></ul> <p>Asbestos awareness training provided for employees</p> | <div>10</div>             |

Persons at risk: All site operatives

## 2.7 Repetitive works patterns

### 2.7.1 Task: Repetitive works patterns

| Hazard              | Risk | Control measures                                                                   | RR |
|---------------------|------|------------------------------------------------------------------------------------|----|
| Upper limb injuries | 2    |                                                                                    | 1  |
|                     | x    | Ensure adequate rest breaks are given to the operative, possibly more than normal. | x  |
|                     | 2    |                                                                                    | 2  |
|                     | =    | Where possible try to use job rotation with another operative.                     | =  |
|                     | 4    |                                                                                    | 2  |

Persons at risk: User

## 2.8 Working in occupied areas

### 2.8.1 Task: Working in areas of high volume of movement

| Hazard                                      | Risk | Control measures                                                                                   | RR |
|---------------------------------------------|------|----------------------------------------------------------------------------------------------------|----|
| Collisions or falls from high traffic areas | 3    | Work areas to be visibly cordoned off and alternative routes marked                                | 1  |
|                                             | x    | Traffic management plan to be implemented, detailing the designated vehicle and pedestrian routes. | x  |
|                                             | 3    |                                                                                                    | 3  |
|                                             | =    | Plant and vehicle movements will only be allowed under the direction of a traffic marshal          | =  |
|                                             | 9    | Pedestrian routes to be protected by fixed barriers such as stop blocks                            | 3  |

Persons at risk: All site operatives

## 2.9 Working outside

### 2.9.1 Task: Working outside

| Hazard              | Risk | Control measures                                                                                                                                                | RR |
|---------------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Heatstroke/ sunburn | 4    | In advance of significantly hot weather, operatives will receive a toolbox talk regarding the hazards, risks and control measures in place.                     | 1  |
|                     | x    |                                                                                                                                                                 | x  |
|                     | 5    | In warmer months, sun-protective clothing,” such as long sleeves and full length trousers”                                                                      | 5  |
|                     | =    |                                                                                                                                                                 | =  |
|                     | 20   | A minimum of SFP30 sun cream will be provided for all operatives, where required, operatives are expected to re-apply it every 2-3 hours when working outdoors. | 5  |
|                     |      | Operatives are to take regular breaks, rehydrating and resting in the shade where possible.                                                                     |    |

Persons at risk: All site operatives

### 2.9.2 Task: Working outside

| Hazard       | Risk | Control measures                                                                                                                             | RR |
|--------------|------|----------------------------------------------------------------------------------------------------------------------------------------------|----|
| Cold weather | 4    | In advance of significantly cold weather, operatives will receive a toolbox talk regarding the hazards, risks and control measures in place. | 1  |
|              | x    |                                                                                                                                              | x  |
|              | 5    | In colder months, suitable warm clothes will be worn, suitable heating will be arranged within the welfare areas.                            | 5  |
|              | =    |                                                                                                                                              | =  |
|              | 20   | Operatives are to take regular breaks, drinking warm drinks and resting in the warmth.                                                       | 5  |

Persons at risk: All site operatives

## 2.10 Using hand tools

### 2.10.1 Task: Using portable hand tools

| Hazard                                                                | Risk | Control measures                                                                                                                     | RR |
|-----------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------|----|
| Injuries to hands sustained from incorrect use of portable hand tools | 4    | Always choose the right tool for the job                                                                                             | 1  |
|                                                                       | x    | All operatives to be trained in the safe use of hand tools before starting works and have necessary experience to use each hand tool | x  |
|                                                                       | 2    | Tools used shall have inherent safety features where possible, such as retractable blades for knives                                 | 2  |
|                                                                       | =    |                                                                                                                                      | =  |
|                                                                       | 8    | Keep cutting tools sharp, so that they cut true without needing to be forced                                                         | 2  |
|                                                                       |      | Tools should be checked regularly for damage and any item to be found damaged or defective taken out of use immediately              |    |
|                                                                       |      | Guards to be used where available and never removed or adjusted from the intended position                                           |    |
|                                                                       |      | All portable hand tools are to be used as per the manufacturers instruction                                                          |    |

Persons at risk: User

### 2.10.2 Task: Using retractable knife

| Hazard                                               | Risk | Control measures                                                                                                                                       | RR |
|------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Cuts to body or hands whilst using retractable knife | 4    | Retractable knife or chosen cutting device to be used that is suitable for the job, only utilise knives with molded plastic guard or retractable blade | 1  |
|                                                      | x    | Knives should be checked before use and fitted with a sharp blade before beginning work                                                                | x  |
|                                                      | 3    | Knife to be stored in a safely away when not in use                                                                                                    | 3  |
|                                                      | =    |                                                                                                                                                        | =  |
|                                                      | 12   | Damaged or defective tools to be discarded using appropriate methods if they cannot be repaired                                                        | 3  |

Persons at risk: User

2.11 Use of power tools

2.11.1 Task: Use of power tools

| Hazard                                                                            | Risk          | Control measures                                                                                             | RR           |
|-----------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------|--------------|
| Electrocution causing serious or fatal injuries whilst using portable power tools | <div>3</div>  | Only 110v tools used on site.                                                                                | <div>1</div> |
|                                                                                   | x             | Examine each tool before use and do not use damaged tools.                                                   | x            |
|                                                                                   | <div>5</div>  | Check all guarding is in place before use.                                                                   | <div>5</div> |
|                                                                                   | =             | Ensure you have abrasive wheel or cartridge tool training before using these specific tools.                 | =            |
|                                                                                   | <div>15</div> | Tools must be PAT tested annually. (arrange this with the office)                                            | <div>5</div> |
|                                                                                   |               | Vibration tools should only be used for short periods of time.                                               |              |
|                                                                                   |               | Ensure you have all required PPE. Goggles must be worn at all times and ear defenders if noise is excessive. |              |
| Persons at risk: User                                                             |               |                                                                                                              |              |

## 2.12 Movement of boxed materials

### 2.12.1 Task: Movement of general boxed materials

| Hazard                                                               | Risk                                                              | Control measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | RR                                                               |
|----------------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Injuries sustained from incorrect manual handling of boxed materials | <div>4</div> <div>x</div> <div>3</div> <div>=</div> <div>12</div> | <p>All hazardous manual handling operations should be avoided so far as is reasonably practicable</p> <p>The workforce will be trained to observe safe lifting techniques, and safely handle loads for materials of boxed materials</p> <p>Any heavy or awkward loads should be moved using a handling aid</p> <p>If not using handling aids, consider reducing weight of load by breaking up materials to a more manageable size</p> <p>If breaking up into smaller loads consider frequency of bending and how this can be managed efficiently with site operatives</p> <p>Consider lifting in teams if load is already considered within acceptable limits</p> <p>Any of the regular shaped materials should be light, stable and unlikely to shift or move during lifting</p> <p>Before undertaking any manual handling operations, make sure the route is clear of obstructions and somewhere to put the load down wherever it is to be moved to</p> <p>All operatives to be wearing correct PPE for the job</p> <p>The operative should stand as close to the load as possible, with feet spread to shoulder width, bent knees and the back in a natural, upright posture</p> <p>The user should grasp the load firmly and as close to the body as possible</p> <p>The legs should be used to lift the load in a smooth motion, this offers more leverage reducing the strain on the user's back</p> <p>Carry the load close to the body with the elbows tucked into the body</p> <p>Avoid twisting the body as much as possible by turning your feet to position yourself with the load</p> <p>Individual fitness for task to be confirmed; HSE recommended lifting load guidance to be followed; avoid twisting / stopping where possible; toolbox talk on manual handling to be completed</p> <p>Reduce the risk of injury so far as is reasonably practicable</p> | <div>1</div> <div>x</div> <div>3</div> <div>=</div> <div>3</div> |
| Persons at risk: User                                                |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                  |

## 2.13 Moving pipes, rolls or irregular shaped or sized materials

### 2.13.1 Task: Moving pipes, rolls or irregular shaped or sized materials

| Hazard                                                                                                  | Risk | Control measures                                                                                                                                                                             | RR |
|---------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| Injuries sustained from incorrect manual handling of pipes, rolls or irregular shape or sized materials | 4    | All hazardous manual handling operations should be avoided so far as is reasonably practicable                                                                                               | 1  |
|                                                                                                         | x    |                                                                                                                                                                                              | x  |
|                                                                                                         | 3    | The workforce will be trained to observe safe lifting techniques, and safely handle loads for materials of regular shape or size                                                             | 3  |
|                                                                                                         | =    |                                                                                                                                                                                              | =  |
|                                                                                                         | 12   | Any heavy or awkward loads should be moved using a handling aid                                                                                                                              | 3  |
|                                                                                                         |      | If not using handling aids, consider reducing weight of load by breaking up materials to a more manageable size                                                                              |    |
|                                                                                                         |      | If breaking up into smaller loads consider frequency of bending and how this can be managed efficiently with site operatives                                                                 |    |
|                                                                                                         |      | Consider lifting in teams if load is already considered within acceptable limits                                                                                                             |    |
|                                                                                                         |      | It may be possible to roll drums of cable, this should be undertaken as a last resort if the above fails; the area should be cleared and movement of drum controlled by a team of operatives |    |
|                                                                                                         |      | Before undertaking any manual handling operations, make sure the route is clear of obstructions and somewhere to put the load down wherever it is to be moved to                             |    |
|                                                                                                         |      | All operatives to be wearing correct PPE for the job                                                                                                                                         |    |
|                                                                                                         |      | The operative should stand as close to the load as possible, with feet spread to shoulder width, bent knees and the back in a natural, upright posture                                       |    |
|                                                                                                         |      | The user should grasp the load firmly and as close to the body as possible                                                                                                                   |    |
|                                                                                                         |      | The legs should be used to lift the load in a smooth motion, this offers more leverage reducing the strain on the user's back                                                                |    |
|                                                                                                         |      | Carry the load close to the body with the elbows tucked into the body                                                                                                                        |    |
|                                                                                                         |      | Avoid twisting the body as much as possible by turning your feet to position yourself with the load                                                                                          |    |
|                                                                                                         |      | Individual fitness for task to be confirmed; HSE recommended lifting load guidance to be followed; avoid twisting / stopping where possible; toolbox talk on manual handling to be completed |    |
|                                                                                                         |      | Reduce the risk of injury so far as is reasonably practicable                                                                                                                                |    |
| Persons at risk: All site operatives                                                                    |      |                                                                                                                                                                                              |    |

## 2.14 Using a steam cleaner

### 2.14.1 Task: Use of steam cleaners

| Hazard                               | Risk                                                              | Control measures                                                                                                                                                                                                                                                                                                                                                                                                                                                              | RR                                                               |
|--------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Contact with hot surfaces and steam  | <div>5</div> <div>x</div> <div>5</div> <div>=</div> <div>25</div> | Steam cleaners are only to be used and cleaned by trained employees<br>The manufacturer's user instructions are to be followed where these are available<br>Suitable personal protective equipment is to be worn as per the manufacturer's user instructions. PPE is to be used at all times, and if damaged or mislaid, operatives are to report this to their manager<br>Operatives are not to point the steam nozzle at any part of their body or towards any other person | <div>1</div> <div>x</div> <div>5</div> <div>=</div> <div>5</div> |
| Persons at risk: All site operatives |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                  |
| Trailing cables                      | <div>5</div> <div>x</div> <div>3</div> <div>=</div> <div>15</div> | The length of trailing cables is to be reduced and the use of extension leads minimised by using the nearest electrical socket outlet. Cables are to be kept away from the area being steam cleaned and behind the user                                                                                                                                                                                                                                                       | <div>1</div> <div>x</div> <div>3</div> <div>=</div> <div>3</div> |
| Persons at risk: All site operatives |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                  |
| Electrical hazards                   | <div>5</div> <div>x</div> <div>5</div> <div>=</div> <div>25</div> | The steam nozzle is not to be directed close to electrical equipment or sockets                                                                                                                                                                                                                                                                                                                                                                                               | <div>1</div> <div>x</div> <div>5</div> <div>=</div> <div>5</div> |
| Persons at risk: All site operatives |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                  |

## 2.15 Painting & decorating

### 2.15.1 Task: painting and decorating

| Hazard                                                                     | Risk                                   | Control measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | RR                                                               |
|----------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| Working with paints (various)<br>(traditional with roller, brushes<br>etc) | <div>3</div> <div>x</div>              | Use water based paints over solvent based paints where possible                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <div>3</div> <div>x</div>                                        |
|                                                                            | <div>3</div> <div>=</div> <div>9</div> | Ensure COSHH Assessments are in place for all items before work begins<br><br>Ensure the PPE is worn in line with the COSHH assessment particularly any specific requirements for goggles, or various types of respiratory protection<br><br>Ensure the paints are stored, handled and disposed of correctly in line with the COSHH assessment<br><br>Never pour paint waste down drains or sinks<br><br>Never leave a paint container open and unattended (keep closed with lids when they are not in use)<br><br>Never obstruct walkways or emergency exit routes<br><br>When working at height ensure the correct type of access equipment is selected (step ladders should only be used for short duration work OR restricted space areas with the agreement of the Foreman or Site Manager<br><br>Do not mis-use paints, containers or associated equipment<br><br>Ensure decorating equipment is in good condition and carry out a pre-use check before first use<br><br>Ensure any areas outside the scope of works are protected from splashes or spillages<br><br>Clean up spillages immediately to remove slip hazards and damage | <div>3</div> <div>x</div> <div>2</div> <div>=</div> <div>6</div> |
| Persons at risk: All site operatives                                       |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                  |

## Site briefing and induction form

# Kings House - External Decoration

All persons who have signed below confirm that they have been briefed on the safe working methods and arrangements detailed in this method of work statement.

[illegible]

# Supervision and personnel

| Name | Role | Phone | Date | Signature |
|------|------|-------|------|-----------|
|------|------|-------|------|-----------|

COSHH assessment

JOHNSTONES TRADE STORMSHIELD SMOOTH MASONRY

Overview

- **Reference:** 14409
- **Composition:** N/A
- **Quantity kept on site:** 30l
- **Quantity expect to be used:** 30l
- **Quantity used in one day:** 10l
- **Method of use:** Coating
- **Number of people involved in activity:** 2
- **Person(s) at risk:** All site operatives
- **Duration of exposure:** 4 to 6 hours
- **Frequency of exposure:** Every day
- **Location of use:** Outside

Level of risk

L

Low  
First aid required

First aid



Eyes

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.



Skin

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.



Inhalation

Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.



Ingestion

If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

Handling precautions and PPE



Respiratory

Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator. Filter type: organic vapour (Type A) and particulate filter P3.



Hand

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.



Skin

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.



Eye

Safety glasses with side shields.

- **Maximum/workplace exposure limit:**
  - **Long term exposure limit (LTEL 8hr TWA):** N/A
  - **Short term exposure limit (STEL 15min TWA):** N/A
- **Factors which increase risks:** When exposed to high temperatures may produce hazardous decomposition products, keep away

from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.

- **Storage precautions:** Store between the following temperatures: 5 to 35°C (41 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.
- **Flashpoint:** N/A
- **Transport precautions:** Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
- **Disposal precautions:** The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
- **Spill procedures:** Small spill :Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Large spill : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

# SAFETY DATA SHEET

Date of issue/Date of revision

: 22 January 2019

Version

: 1



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Product name** : JOHNSTONES TRADE STORMSHIELD SMOOTH MASONRY  
**Product code** : 17000DUT079  
**Other means of identification** : Not available.

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Product use** : Consumer applications, Professional applications, Used by spraying.  
**Use of the substance/mixture** : Coating.

### 1.3 Details of the supplier of the safety data sheet

PPG Architectural Coatings UK Ltd  
Huddersfield Road  
Birstall, West Yorkshire WF179XA  
United Kingdom  
Tel: +44 (0) 1924 354000  
Fax: +44 (0) 1924 354533

**e-mail address of person responsible for this SDS** : ps.acemea-north@ppg.com

### 1.4 Emergency telephone number

#### Supplier

+44 (0) 1924 354000

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** : Mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Signal word** : No signal word.

**Hazard statements** : No known significant effects or critical hazards.

#### Precautionary statements

**General** : Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Code** : 17000DUT079 **Date of issue/Date of revision** : 22 January 2019  
**JOHNSTONES TRADE STORMSHIELD SMOOTH MASONRY**

## SECTION 2: Hazards identification

|                                                                                                                                           |                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Prevention</b>                                                                                                                         | : Not applicable.                                                                                                                                                                                                     |
| <b>Response</b>                                                                                                                           | : Not applicable.                                                                                                                                                                                                     |
| <b>Storage</b>                                                                                                                            | : Not applicable.                                                                                                                                                                                                     |
| <b>Disposal</b>                                                                                                                           | : Not applicable.<br>P102, P101                                                                                                                                                                                       |
| <b>Hazardous ingredients</b>                                                                                                              | : Not applicable.                                                                                                                                                                                                     |
| <b>Supplemental label elements</b>                                                                                                        | : Contains reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) and 1,2-benzisothiazol-3 (2H)-one. May produce an allergic reaction. |
| <b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b> | : Not applicable.                                                                                                                                                                                                     |
| <b><u>Special packaging requirements</u></b>                                                                                              |                                                                                                                                                                                                                       |
| <b>Containers to be fitted with child-resistant fastenings</b>                                                                            | : Not applicable.                                                                                                                                                                                                     |
| <b>Tactile warning of danger</b>                                                                                                          | : Not applicable.                                                                                                                                                                                                     |

### 2.3 Other hazards

|                                                            |               |
|------------------------------------------------------------|---------------|
| <b>Other hazards which do not result in classification</b> | : None known. |
|------------------------------------------------------------|---------------|

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures : Mixture

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                                   |                                                                                                                                                                                                  |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>                | : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.                                        |
| <b>Inhalation</b>                 | : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. |
| <b>Skin contact</b>               | : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.                                             |
| <b>Ingestion</b>                  | : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.                                                           |
| <b>Protection of first-aiders</b> | : No action shall be taken involving any personal risk or without suitable training.                                                                                                             |

### 4.2 Most important symptoms and effects, both acute and delayed

#### Potential acute health effects

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| <b>Eye contact</b> | : No known significant effects or critical hazards. |
| <b>Inhalation</b>  | : No known significant effects or critical hazards. |

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## SECTION 4: First aid measures

**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

**Eye contact** : No specific data.  
**Inhalation** : No specific data.  
**Skin contact** : No specific data.  
**Ingestion** : No specific data.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.  
**Specific treatments** : No specific treatment.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

### 5.2 Special hazards arising from the substance or mixture

**Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.  
**Hazardous combustion products** : Decomposition products may include the following materials:  
carbon oxides  
metal oxide/oxides

### 5.3 Advice for firefighters

**Special precautions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.  
**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment.  
**For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

|                                                    |                                                         |
|----------------------------------------------------|---------------------------------------------------------|
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## SECTION 6: Accidental release measures

**6.2 Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and material for containment and cleaning up

**Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill** : Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

**6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

**Protective measures** : Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**7.2 Conditions for safe storage, including any incompatibilities** : Store between the following temperatures: 5 to 35°C (41 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### 7.3 Specific end use(s)

See Section 1.2 for Identified uses.

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## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 8.1 Control parameters

#### Occupational exposure limits

No exposure limit value known.

**Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### DNELs

DNELs - Not available.

#### PNECs

PNECs - Not available.

### 8.2 Exposure controls

**Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### Individual protection measures

**Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection** : Safety glasses with side shields. Use eye protection according to EN 166.

#### Skin protection

**Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Gloves** : For prolonged or repeated handling, use the following type of gloves:

Recommended: Viton®

**Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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## SECTION 8: Exposure controls/personal protection

- Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Wear a respirator conforming to EN140. Filter type: organic vapour (Type A) and particulate filter P3
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

- Physical state** : Liquid.
- Colour** : Various
- Odour** : Not available.
- Odour threshold** : Not available.
- pH** : 8.5
- Melting point/freezing point** : May start to solidify at the following temperature: 0°C (32°F) This is based on data for the following ingredient: water. Weighted average: -4.22°C (24.4°F)
- Initial boiling point and boiling range** : >37.78°C
- Flash point** : Closed cup: Not applicable. [Product does not sustain combustion.]
- Evaporation rate** : Not available.
- Material supports combustion.** : No.
- Flammability (solid, gas)** : liquid
- Upper/lower flammability or explosive limits** : Not applicable.
- Vapour pressure** : Highest known value: 3.2 kPa (23.8 mm Hg) (at 20°C) (water). Weighted average: 3.03 kPa (22.73 mm Hg) (at 20°C)
- Vapour density** : Highest known value: 7.5 (Air = 1) (isobutyric acid, monoester with 2,2,4-trimethylpentane-1,3-diol).
- Relative density** : 1.39
- Solubility(ies)** : Partially soluble in the following materials: cold water.
- Partition coefficient: n-octanol/ water** : Not applicable.
- Auto-ignition temperature** : Not applicable.
- Decomposition temperature** : Stable under recommended storage and handling conditions (see Section 7).
- Viscosity** : Kinematic (40°C): >0.21 cm<sup>2</sup>/s
- Explosive properties** : Not available.
- Oxidising properties** : Product does not present an oxidizing hazard.

### 9.2 Other information

No additional information.

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JOHNSTONES TRADE STORMSHIELD SMOOTH MASONRY

## SECTION 10: Stability and reactivity

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : The product is stable.
- 10.3 Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** : When exposed to high temperatures may produce hazardous decomposition products.  
Refer to protective measures listed in sections 7 and 8.
- 10.5 Incompatible materials** : Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
- 10.6 Hazardous decomposition products** : Depending on conditions, decomposition products may include the following materials: carbon oxides metal oxide/oxides

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Acute toxicity estimates

| Route          | ATE value |
|----------------|-----------|
| Not available. |           |

#### Irritation/Corrosion

##### **Conclusion/Summary**

**Skin** : There are no data available on the mixture itself.

**Eyes** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Sensitisation

##### **Conclusion/Summary**

**Skin** : There are no data available on the mixture itself.

**Respiratory** : There are no data available on the mixture itself.

#### Mutagenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Carcinogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Reproductive toxicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Teratogenicity

**Conclusion/Summary** : There are no data available on the mixture itself.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

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## SECTION 11: Toxicological information

Not available.

### Aspiration hazard

Not available.

**Information on likely routes of exposure** : Not available.

### Potential acute health effects

**Inhalation** : No known significant effects or critical hazards.  
**Ingestion** : No known significant effects or critical hazards.  
**Skin contact** : No known significant effects or critical hazards.  
**Eye contact** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation** : No specific data.  
**Ingestion** : No specific data.  
**Skin contact** : No specific data.  
**Eye contact** : No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

#### Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

### Potential chronic health effects

Not available.

**Conclusion/Summary** : Not available.  
**General** : No known significant effects or critical hazards.  
**Carcinogenicity** : No known significant effects or critical hazards.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.  
**Other information** : Not available.

There are no data available on the mixture itself. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

If splashed in the eyes, the liquid may cause irritation and reversible damage.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

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## SECTION 12: Ecological information

### 12.1 Toxicity

**Conclusion/Summary** : There are no data available on the mixture itself.

### 12.2 Persistence and degradability

**Conclusion/Summary** : There are no data available on the mixture itself.

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

**PBT** : Not applicable.

**vPvB** : Not applicable.

**12.6 Other adverse effects** : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

#### European waste catalogue (EWC)

| Waste code | Waste designation                                              |
|------------|----------------------------------------------------------------|
| 08 01 12   | waste paint and varnish other than those mentioned in 08 01 11 |

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

| Type of packaging | European waste catalogue (EWC) |
|-------------------|--------------------------------|
| Container         | 15 01 06 mixed packaging       |

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

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## 14. Transport information

|                                 | ADR/RID         | ADN             | IMDG            | IATA            |
|---------------------------------|-----------------|-----------------|-----------------|-----------------|
| 14.1 UN number                  | Not regulated.  | Not regulated.  | Not regulated.  | Not regulated.  |
| 14.2 UN proper shipping name    | -               | -               | -               | -               |
| 14.3 Transport hazard class(es) | -               | -               | -               | -               |
| 14.4 Packing group              | -               | -               | -               | -               |
| 14.5 Environmental hazards      | No.             | No.             | No.             | No.             |
| Marine pollutant substances     | Not applicable. | Not applicable. | Not applicable. | Not applicable. |

### Additional information

**ADR/RID** : None identified.  
**ADN** : None identified.  
**IMDG** : None identified.  
**IATA** : None identified.

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** : Not applicable.

## SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.

Other EU regulations

Ozone depleting substances (1005/2009/EU)

Not listed.

**VOC for Ready-for-Use Mixture** : IIA/c. Exterior walls of mineral substrate. EU limit values: 40g/l (2010.)  
This product contains a maximum of 3 g/l VOC.

Seveso Directive

English (GB)

United Kingdom (UK)

10/11

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## SECTION 15: Regulatory information

This product is not controlled under the Seveso Directive.

**15.2 Chemical safety assessment** : No Chemical Safety Assessment has been carried out.

## SECTION 16: Other information

✓ Indicates information that has changed from previously issued version.

### Abbreviations and acronyms

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

PBT = Persistent, Bioaccumulative and Toxic

vPvB = Very Persistent and Very Bioaccumulative

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

IMDG = International Maritime Dangerous Goods

IATA = International Air Transport Association

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification  | Justification |
|-----------------|---------------|
| Not classified. |               |

### Full text of abbreviated H statements

Not applicable.

### Full text of classifications [CLP/GHS]

Not applicable.

### History

**Date of issue/ Date of revision** : 22 January 2019

**Date of previous issue** : No previous validation

**Prepared by** : EHS

**Version** : 1

### Disclaimer

*The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by us, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.*

## DESCRIPTION

Johnstone's Trade Smooth Metal Paint is a primer and top coat in one, which can be applied direct to bare, previously painted or rusted surface and provides a smooth, flat, gloss finish. Offering up to 5 years protection extending standard maintenance cycles, Johnstone's Trade Smooth Metal Paint offers anti-corrosive properties whilst maintaining excellent adhesion attributes.

## RECOMMENDED USES



Can be applied over un-primed, pre-primed and sound previously painted metal work and is particularly suitable for renovation of corroded substrates, after manual removal of loose layers of rust. It can be used on steel cast iron and other steel construction elements.

## SPECIAL PROPERTIES

No need to prime and can be applied on to corroded surfaces. Good resistance to water, humidity, hot salt spray, and UVA.

## COLOUR RANGE

Black, White, Silver, Gold, Red; Tintable to 10,000 colours via Johnstone's Tinting System including RAL, BS and NCS shades.

## FINISH

Semi-Gloss.

## VOLUME SOLID

50%

## COVERAGE



Johnstone's Trade Smooth Metal paint will cover at the rate of approximately 10 square metres per litre depending on the nature and porosity of the surface being painted.

## FILM THICKNESS

111um (+/- 5um) wet film thickness per layer

50um (+/- 5um) dry film thickness per layer

## DRYING TIME



For best results a second coat should be applied within 2 hours after the 1st application. Through dry after 16-24 hours under normal conditions.

## TRANSPORTATION & STORAGE

To avoid the risk of spillage, always store and transport in a secure upright position. **STORE AWAY FROM HEAT AND FLAME.**

## THINNER

Thinner: White Spirit.

## VOC CONTENT

EU limit value for this product (Cat A/i): 500g/l (2010) This product contains max 500g/l VOC.



## KEY PROPERTIES

- Extended maintenance cycles
- Apply direct to bare, previously painted or rusted surfaces
- Up to 5 years life expectancy

## PREPARATION

All surfaces should be sound, clean, dry and free from grease. Remove any crazed or flaking paint. Clean thoroughly with Johnstone's Trade Cleaner & Degreaser. Rub down sound glossy surfaces with fine waterproof abrasive paper and rinse thoroughly to provide a key. Avoid the inhalation of dust. Wear a suitable face mask if dry sanding. Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead. For more information and free Johnstone's Trade datasheets call 01924 354354 or visit [www.johnstonestrade.com](http://www.johnstonestrade.com).

## APPLICATION



Ensure maximum ventilation during application and drying. Not recommended for interior use on large surface areas, or in confined spaces. Stir well before use. Apply by brush only. The brush should be fully loaded for best results. If more than one tin is to be used, intermix prior to use.

## CLEANING



Remove as much product as possible from application equipment before cleaning. Clean equipment immediately after use in White Spirit or Turpentine Substitute. Replace lid firmly. Some local authorities have special facilities for the disposal of waste coatings. Do not empty product into drains or watercourses.

## PRECAUTIONS

- Keep out of reach of children
- Avoid contact with skin and eyes
- Do not ingest
- If medical advice is needed have container or label to hand
- Please refer to Product Label & Safety Data Sheet (SDS) for hazard warnings and information on safe handling/use/transport/storage/disposal/emergency
- SDS available : [www.johnstonestrade.com](http://www.johnstonestrade.com) or call 01924 354354

## SIZE

0.8ltr, 2.5ltr and 5ltr

## DESCRIPTION

Johnstone's Trade Stormshield Smooth Masonry is rain resistant after 20 minutes\* and suitable for application between 2°C and 35°C. It is extremely durable with 15 years life expectancy which offers excellent weather and dirt resistance, together with great colour retention and opacity. Suitable for outdoor use on cement rendering, rough cast, brick and concrete.

## RECOMMENDED USES



Suitable for exterior use.

## TYPE OF SUBSTRATE

Concrete, cement rendering, brick, stone, blockwork and pebble dash etc.

## COLOUR RANGE

Tintable to a range of colours available in Voice of Colour exterior colours.

## FINISH

Matt.

## VOLUME SOLID

30%

## COVERAGE



Johnstone's Trade Stormshield Smooth Masonry will cover up to 17 square metres per litre depending on the nature and porosity of the surface being painted.

## FILM THICKNESS

Wet: 100µm, dry: 30µm.

## DRYING TIME



Touch dry in 1 hour  
Rain resistant after 20 minutes\*  
Recoat after 2-4 hours  
\*at 23°C and 50% humidity.

## TRANSPORTATION & STORAGE

To avoid the risk of spillage, always store and transport in a secure upright position. Do not use empty container for storing food. PROTECT FROM FROST

## THINNER

Thinner: Clean water.

## VOC CONTENT

EU limit value for this product (Cat A/c): 40g/l (2010). This product contains max 3g/l VOC.



The British Board of Agrément is designated by Government to issue European Technical Approvals based on the assessment of products for construction. Johnstone's products carrying this logo have undergone rigorous independent testing and received approval from the BBA.

## KEY PROPERTIES

- Rain resistant after 20 minutes\*
- All season application
- 15+ years life expectancy
- Excellent colour retention & opacity
- Anti-Carbonation properties

## PREPARATION

All surfaces to be painted should be clean, dry and free from loose and flaking material including dirt and grease. Treat any fungal, algal or lichen with Johnstone's Trade Sterilisation Wash as directed. Johnstone's Trade Stormshield Smooth Masonry can be applied directly over bare surfaces (thinned 5% with clean water) and previously painted surfaces, provided these are clean, sound and firm. Stabilise surfaces of a highly porous or friable nature with Johnstone's Trade Stormshield Quick Dry Stabilising Solution as directed. Remove any limewash or distemper completely. Avoid the inhalation of dust. Wear a suitable face mask if creating dust. Repair cracks and defective areas with a suitable exterior filler. For more information and free Johnstone's datasheets call 01924 354354 or visit [www.johnstonestrade.com](http://www.johnstonestrade.com).

## APPLICATION



Ensure good ventilation during application and drying. Do not breathe spray. Wear respiratory protection. Stir well before use. If more than one container of colour is to be used in the same area, intermix before use. Apply two full coats, allowing 2-4 hours between coats under normal drying conditions. Do not apply in temperatures below 2°C or in damp conditions. Suitable for application by brush, roller, conventional and airless spray. If applying by spray: Do not breathe spray; Wear respiratory protection.

## CLEANING



Remove as much product as possible from application equipment before cleaning. Clean equipment immediately after use in warm soapy water and rinse thoroughly. Do not empty product into drains or water courses. Some local authorities have special facilities for the disposal of waste coatings. Replace lid firmly.

## PRECAUTIONS

- Keep out of reach of children
- Avoid contact with skin and eyes
- Do not ingest
- Do not breathe spray. Wear respiratory protection
- If medical advice is needed have container or label to hand
- Please refer to Product Label & Safety Data Sheet (SDS) for hazard warnings and information on safe handling/use/transport/storage/disposal/emergency
- SDS available : [www.johnstonestrade.com](http://www.johnstonestrade.com) or call 01924 354354

## SIZES

2.5 Litre, 5 Litre, 10 Litre.