

M60

Painting/clear finishing

Coating systems

150 Satin paint

1. Description: METALSHIELD SATIN TO EXTERNAL SOFTWOOD
2. Manufacturer: Dulux Trade
 - 2.1. Product reference: Dulux metalshield satin
3. Surfaces: Previously decorated
 - 3.1. Preparation: Degrease and provide key, Ensure surfaces are clean and dry, Remove all loose and defective coatings
4. Initial coats: As recommended by manufacturer
 - 4.1. Number of coats: 1
5. Undercoats: 1 As recommended by manufacturer
 - 5.1. Number of coats: 1
6. Finishing coats: Satin paint
 - 6.1. Number of coats: 2

150 Solvent Based finishing coats Type A

1. Description: TO EXTERNAL SOFTWOOD
2. Manufacturer: [Dulux Trade, brand of AkzoNobel](#)
 - 2.1. Contact details
 - 2.1.1. Address: AkzoNobel Decorative Paints
Wexham Road
Slough
Berkshire
SL2 5DS
 - 2.1.2. Telephone: [+44 \(0\)333 222 7070](tel:+44(0)3332227070)
 - 2.1.3. Web: www.duluxtradepaintexpert.co.uk
 - 2.1.4. Email: project.support@akzonobel.com
 - 2.2. Product reference: [Weathershield Exterior Quick Drying Satin](#)
3. Composition: Adhesion-promoted acrylic copolymer emulsion and a fungicide.
4. Sheen: Satin.
5. Colour: 50BG41044
6. Execution: Applying coating.
7. System code: n/a
8. Form: Liquid.
9. Capacity: n/a
10. Coverage: Up to 16 m²/L.
11. Surfaces: Previously decorated
 - 11.1. Preparation: Degrease and provide key, Ensure surfaces are clean and dry and Remove all loose and defective coatings
12. Undercoats: As recommended by manufacturer primer
 - 12.1. Number of coats: 1
13. Finishing coats: Satin finish

13.1. Number of coats: 2

150 Solvent Based finishing coats Type B

1. Description: METALSHIELD SATIN TO EXTERNAL METALWORK
2. Manufacturer: [Dulux Trade, brand of AkzoNobel](#)
 - 2.1. Contact details
 - 2.1.1. Address: AkzoNobel Decorative Paints
Wexham Road
Slough
Berkshire
SL2 5DS
 - 2.1.2. Telephone: [+44 \(0\)333 222 7070](tel:+44(0)3332227070)
 - 2.1.3. Web: www.duluxtradepaintexpert.co.uk
 - 2.1.4. Email: project.support@akzonobel.com
 - 2.2. Product reference: [Weathershield Exterior Quick Drying Satin](#)
3. Composition: Adhesion-promoted acrylic copolymer emulsion and a fungicide.
4. Sheen: Satin.
5. Colour: 30YR07354
6. Execution: Applying coating.
7. Form: Liquid.
8. Coverage: Up to 16 m²/L.
9. Surfaces: Previously decorated
 - 9.1. Preparation: Degrease and provide key, Ensure surfaces are clean and dry, Remove all loose and defective coatings
10. Initial coats: As recommended by manufacturer
 - 10.1. Number of coats: 1
11. Undercoats: 1 As recommended by manufacturer
 - 11.1. Number of coats: 1
12. Finishing coats: Satin paint
 - 12.1. Number of coats: 2

150 Solvent Based finishing coats Type C

1. Description: METALSHIELD SATIN TO EXTERNAL SOFTWOOD
2. Manufacturer: [Dulux Trade, brand of AkzoNobel](#)
 - 2.1. Contact details
 - 2.1.1. Address: AkzoNobel Decorative Paints
Wexham Road
Slough
Berkshire
SL2 5DS
 - 2.1.2. Telephone: [+44 \(0\)333 222 7070](tel:+44(0)3332227070)
 - 2.1.3. Web: www.duluxtradepaintexpert.co.uk
 - 2.1.4. Email: project.support@akzonobel.com
 - 2.2. Product reference: [Weathershield Exterior Quick Drying Satin](#)
3. Composition: Adhesion-promoted acrylic copolymer emulsion and a fungicide.
4. Sheen: Satin.
5. Colour: 53YY77064

6. Execution: Applying coating.
7. Form: Liquid.
8. Coverage: Up to 16 m²/L.
9. Surfaces: Previously decorated
 - 9.1. Preparation: Degrease and provide key, Ensure surfaces are clean and dry, Remove all loose and defective coatings
10. Initial coats: As recommended by manufacturer
 - 10.1. Number of coats: 1
11. Undercoats: 1 As recommended by manufacturer
 - 11.1. Number of coats: 1
12. Finishing coats: Satin paint
 - 12.1. Number of coats: 2

170 Solvent-based finishing coats Type D

1. Description: TO EXTERNAL MASONRY WALLS
2. Manufacturer: [Dulux Trade, brand of AkzoNobel](#)
 - 2.1. Contact details
 - 2.1.1. Address: AkzoNobel Decorative Paints
Wexham Road
Slough
Berkshire
SL2 5DS
 - 2.1.2. Telephone: [+44 \(0\)333 222 7070](tel:+44(0)3332227070)
 - 2.1.3. Web: www.duluxtradepaintexpert.co.uk
 - 2.1.4. Email: project.support@akzonobel.com
 - 2.2. Product reference: [Weathershield Smooth Masonry Paint](#)
3. Texture: Smooth.
4. Colour: T.B.C.
5. Additives: Fungicide.
6. Form: Liquid.
7. Surfaces: Masonry
 - 7.1. Preparation: Brush down to remove surface contaminants, Ensure surfaces are clean and dry and Remove loose and spalled material and wash down
8. Undercoats: As recommended by manufacturer
 - 8.1. Number of coats: 1
9. Finishing coats: Silicate masonry paint
 - 9.1. Number of coats: 2

Generally

215 Handling and storage

1. Coating materials: Deliver in sealed containers, labelled clearly with brand name, type of material and manufacturer's batch number.
2. Materials from more than one batch: Store separately. Allocate to distinct parts or areas of the work.

220 Compatibility

1. Coating materials selected by contractor
 - 1.1. Recommended by their manufacturers for the particular surface and conditions of exposure.
 - 1.2. Compatible with each other.
 - 1.3. Compatible with and not inhibiting performance of preservative/fire-retardant pretreatments.

280 Protection

1. 'Wet paint' signs and barriers: Provide where necessary to protect other operatives and general public, and to prevent damage to freshly applied coatings.

Preparation

400 Preparation generally

1. Standard: In accordance with BS 6150.
2. Refer to any pre-existing CDM Health and Safety File.
3. Refer to CDM Construction Phase Plan where applicable.
4. Suspected existing hazardous materials: Prepare risk assessments and method statements covering operations, disposal of waste, containment and reoccupation, and obtain approval before commencing work.
5. Preparation materials: Types recommended by their manufacturers and the coating manufacturer for the situation and surfaces being prepared.
6. Substrates: Sufficiently dry in depth to suit coating.
7. Efflorescence salts: Remove.
8. Dirt, grease and oil: Remove. Give notice if contamination of surfaces/ substrates has occurred.
9. Surface irregularities: Remove.
10. Joints, cracks, holes and other depressions: Fill flush with surface, to provide smooth finish.
11. Dust, particles and residues from preparation: Remove and dispose of safely.
12. Water based stoppers and fillers
 - 12.1. Apply before priming unless recommended otherwise by manufacturer.
 - 12.2. If applied after priming: Patch prime.
13. Oil based stoppers and fillers: Apply after priming.
14. Doors, opening windows and other moving parts
 - 14.1. Ease, if necessary, before coating.
 - 14.2. Prime resulting bare areas.

420 Fixtures and fittings

1. Removal: Before commencing work remove: All loose fixture and fittings and set aside for reinstallation.
2. Replacement: Refurbish as necessary, refit when coating is dry.

425 Ironmongery

1. Removal: Before commencing work: Remove ironmongery from surfaces to be coated.
2. Hinges:
3. Replacement: Refurbishment as necessary; refit when coating is dry.

430 Existing ironmongery

1. Refurbishment: Remove old coating marks. Clean and polish.

440 Previously coated surfaces generally

1. **Preparation:** In accordance with BS 6150, clause 11.5.
2. **Contaminated or hazardous surfaces:** Give notice of:
 - 2.1. Coatings suspected of containing lead.
 - 2.2. Substrates suspected of containing asbestos or other hazardous materials.
 - 2.3. Significant rot, corrosion or other degradation of substrates.
3. **Suspected existing hazardous materials:** Prepare risk assessments and method statements covering operations, disposal of waste, containment and reoccupation, and obtain approval before commencing work.
4. **Removing coatings:** Do not damage substrate and adjacent surfaces or adversely affect subsequent coatings.
5. **Loose, flaking or otherwise defective areas:** Carefully remove to a firm edge.
6. **Alkali affected coatings:** Completely remove.
7. **Retained coatings**
 - 7.1. Thoroughly clean to remove dirt, grease and contaminants.
 - 7.2. Gloss-coated surfaces: Provide key.
8. **Partly removed coatings**
 - 8.1. Additional preparatory coats: Apply to restore original coating thicknesses.
 - 8.2. Junctions: Provide flush surface.
9. **Completely stripped surfaces:** Prepare as for uncoated surfaces.

461 Previously coated wood

1. **Degraded or weathered surface wood:** Take back to provide suitable substrate.
2. **Degraded substrate wood:** Repair with sound material of same species.
3. **Exposed resinous areas and knots:** Apply two coats of knotting.

471 Preprimed wood

1. **Areas of defective primer:** Take back to bare wood and reprime.

490 Previously coated steel

1. **Defective paintwork:** Remove to leave a firm edge and clean bright metal.
2. **Sound paintwork:** Provide key for subsequent coats.
3. **Corrosion and loose scale:** Take back to bare metal.
4. **Residual rust:** Treat with a proprietary removal solution.
5. **Bare metal:** Apply primer as soon as possible.
6. **Remaining areas:** Degrease.

500 Preprimed steel

1. **Areas of defective primer, corrosion and loose scale:** Take back to bare metal. Reprime as soon as possible.

521 Uncoated steel – manual cleaning

1. **Oil and grease:** Remove.
2. **Corrosion, loose scale, welding slag and spatter:** Remove.
3. **Residual rust:** Treat with a proprietary removal solution.
4. **Primer:** Apply as soon as possible.

570 Uncoated masonry/ Rendering

1. Loose and flaking material: remove.

622 Organic growths

1. Dead and loose growths and infected coatings: Scrape off and remove from site.
2. Treatment biocide: Apply appropriate solution to growth areas and surrounding surfaces.
3. Residual effect biocide: Apply appropriate solution to inhibit re-establishment of growths.

631 Previously painted window frames

1. Paint encroaching beyond glass sight line: Remove.
2. Loose and defective putty: Remove.
3. Putty cavities and junctions between previously painted surfaces and glass: Clean thoroughly.
4. Finishing
 - 4.1. Patch prime, reputty as necessary, and allow to set.
 - 4.2. Seal and coat as soon as fully set.

645 Sealing of internal movement joints

1. General: To junctions of walls and ceilings with architraves, skirtings and other trims.
2. Sealant: Waterborne acrylic.
 - 2.1. Manufacturer: Submit proposals
 - 2.1.1. Product reference: Submit proposals
 - 2.2. Preparation and application: As section Z22.

Application

711 Coating generally

1. Application standard: In accordance with BS 6150, clause 9.
2. Conditions: Maintain suitable temperature, humidity and air quality during application and drying.
3. Surfaces: Clean and dry at time of application.
4. Thinning and intermixing of coatings: Not permitted unless recommended by manufacturer.
5. Overpainting: Do not paint over intumescent strips or silicone mastics.
6. Priming coats
 - 6.1. Thickness: To suit surface porosity.
 - 6.2. Application: As soon as possible on same day as preparation is completed.
7. Finish
 - 7.1. Even, smooth and of uniform colour.
 - 7.2. Free from brush marks, sags, runs and other defects.
 - 7.3. Cut in neatly.
8. Doors, opening windows and other moving parts: Ease before coating and between coats.

740 Concealed metal surfaces

1. General: Apply additional coatings to surfaces that will be concealed when component is fixed in place.
 - 1.1. Components: Back side of railings

Ω End of Section