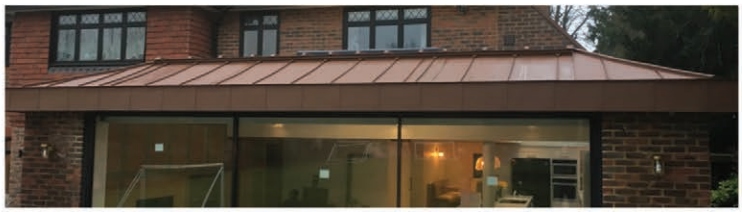
METAL SOLUTIONS LIMITED

# Traditional Textures

## PRECOATED ALUMINIUM FOR TRADITIONAL METAL ROOFING









metal solutions

# Traditional TEXTURES

## Traditional Textures

Metal Solutions Ltd have introduced a range of precoated aluminium that captures the colour pigments and textures of real zinc & copper cladding.

The result of this is a realistic and aesthetically pleasing finish, all for a fraction of the cost of more expensive materials.

## Finishes

Current available finishes are, Zinc Patina, Graphite Patina, Dark Zinc Patina, Copper Patina, Copper Oxide & Corten.






Traditional Textures Copper Patina

Traditional Textures precoated aluminium is a flat rolled product with an aluminium core protected by a special 3 layer coating.

It has a long life, is lightweight, is easy to work and is eco-friendly.

Standard colours are Zinc Patina, Graphite Patina, Dark Zinc Patina, Copper Patina, Copper Oxide & Corten, however we can produce precoated aluminium in any RAL colour as well as many other specialist finishes.

## Base Material

The base material is a 3005 series H41 grade aluminium, perfect for fully supported metal roofing and cladding, giving ease of workability whilst maintaining flatness. For cladding panel applications H44 grade is available.

Traditional Textures Corten



## Coating

The Traditional Textures coating offers three distinct advantages;

- Flexibility: The coating is extremely suited to profiling and bending.
- Aesthetic: The coating realistically replicates traditional metal finishes.
- Durability: The coating does not only present a very high resistance to ageing, UV and corrosion but is also efficient against chalking.



Traditional Textures Dark Zinc Patina



Traditional Textures Copper Patina & Copper Oxide



Traditional Textures Copper Patina

## Applications

Traditional Textures are especially developed for outdoor applications such as facades and roofs, both in the area of new building as well as renovation. Traditional Textures can be installed as standing / angle seam, Snaplock® seam, flatlock cladding, shingles, reveal panel etc.

## Format

Standard format is 0.7mm x 600mm wide coil, however all thickness and width combinations are available to order.

## Fabrication

Suitable for folding, drilling, bending, pressing, punching, profiling and cutting.



Traditional Textures Zinc Red



Traditional Textures Zinc Patina

## Other precoated aluminium finishes

As well as our Traditional Textures range we offer various finishes in standard RAL colours and other special finishes



Traditional Textures Inca Gold



Traditional Textures RAL7016

## Traditional Textures Coating Data

**Coating Data**

| Properties | Method | Coil coated aluminium |
|---|---|---|
| Coating thickness | EN 13523-1<br>ASTM D 7091 | 50um (3 coats) |
| Specular gloss | EN 13523-2<br>ASTM D 523 | Matt |
| Durabilty class | NF EN 1396 | Class 4 |
| Pencil hardness | EN 13523-4<br>ASTM D 3363 | >HB |
| Resistance to cracking on rapid deformation | EN 13523-5<br>ASTM D 2794 | No cracking, no loss of adhesion |
| Adhesion after indentation | EN13523-6<br>ASTM D 3359 | 100% of adhesion |
| Resistance to cracking on bending | EN 13523-7<br>ASTM D 4145 | Very good flexibility (0.5T) |
| Acetic salt spray fog resistance | EN 13523-8<br>ASTM G 85 | 1,000 h |
| Water immersion resistance | EN 13523-9<br>ASTM D 870 | 3,000 h |
| Humidity resistance | EN 13523-25<br>ASTM D 2247 | 3,000 h |
| Mortar test | AAMA 2605 | No effect |
| Acid resistance<br>10% Hcl Solution (15m/23°C)<br>20% H2SO4 solution (18h/23°C)<br>Nitric Acid | AAMA 2605<br>ASTM D 1308 | Hydrochloric acid: no effect<br>Sulphuric acid: no effect<br>Nitric acid: <5 units |
| Detergent resistance<br>3% VIGOR solution (72h/30°C) | AAMA 2605 | No effect |
| Colour fastness on natural weathering | Florida exposure<br>45° south<br>EN 13523-3<br>ASTM D 2244 | After 5 years exposure<br>Colour variation: 5 to 10 units |
| Resistance to chalking on natural weathering | Florida exposure<br>45° south<br>ASTM D 4214 | Rating >8 |
| Fire Certificates Europe | EN13501 | A1 |

This Traditional Textures leaflet is intended as an aid in the understanding of the Metal Solutions Traditional Textures and refers to standard situations. The general fully supported metal roofing guidelines must be observed. The data contained in this publication is based on our own practical experience and we accept no liability for the accuracy or completeness. We would always advise that project proposals are checked by an engineer prior to installation.

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