

Colourclad

Repaint systems for pre-coated cladding



Profiled cladding is one of the most versatile building materials used in the construction of modern industrial units. Original factory applied coating systems provide exceptional performance however like all materials their life can be prolonged by correct maintenance procedures and recoating when appropriate. Ameron Coatings has been a market leader in architectural finishing for many years with its unique megaflon coatings. This experience has led to the development of colourclad repaint system designed to extend the life of pre-coated cladding for up to ten years.

Colourclad coatings:

- Isocyanate free single pack materials
- Excellent colour retention
- Resistant to atmospheric pollution
- Complete flexibility in colour change
- Standard sheen level compares with original finishes
- Full technical support and specification service

Breakdown of original factory applied cladding finishes is very slow, and occurs in 3 distinct phases



Chalking

This is an early stage of breakdown and white chalk-like powder appears on the surface. The original coating may still have good adhesion and no breakdown of the coating is apparent. However there may be a colour change and loss of gloss and the general aesthetic appearance may be poor. Planned maintenance at this stage can restore the building to its original appearance.

Breakdown of the coating

The first signs of breakdown are micro-checking, a fine crazing of the coating down to the substrate. In the very early stages this may only be apparent under magnification. Colourclad systems have been formulated to cope with this condition providing the adhesion of the original coatings is sound.

Failure of the coating and corrosion of the metal coating

Failure of the original is the final stage of breakdown followed by corrosion of the underlying zinc coated steel or aluminium substrate. At this stage it is still possible to restore the cladding to an acceptable aesthetic appearance. If neglected at this stage replacement of the sheeting may be necessary.

Regular inspection and well timed maintenance painting can be extremely cost effective by preventing excessive deterioration and degradation of the substrate. Colourclad systems are available for all commonly used cladding types and are formulated to cope with the three stages of breakdown in the original coating system.

Different products in the ColourClad range



ColourClad Primer 1200

Quick drying primer for ColourClad cladding repaint systems. Suitable for use over PVC plastisol (i.e. British Steel HP200 cladding). Can be applied by airless spray, conventional spray and brush.

- Rapid overcoating and job completion
- Single pack material

ColourClad Primer 1330

Anti-corrosive primer for ColourClad repaint system for galbestos cladding. Can be applied by airless spray and brush.

- Corrosion inhibiting
- Quick and easy to apply

ColourClad Undercoat 1331

Undercoat for use in ColourClad repaint systems for galbestos cladding. Can be applied by airless spray and brush.

- Single pack material
- Quick and easy to apply

ColourClad Finish 2300

Durable finish for ColourClad re-paint systems for pre-coated cladding. Can be applied by airless spray and brush.

- Good colour and gloss retention
- EPA complaint (1998) as a top coat to PG6/23

ColourClad Primer 3100

Anti-corrosive primer for ColourClad cladding repaint systems. Suitable for use over galvanised steel, prepared rusty steel, PVC, PVDF, polyester and silicone polyester. Can be applied by airless spray and brush.

- Excellent adhesion to galvanised steel
- Rapid air drying primer

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