



CUT EDGE PROTECTION SPECIFICATION

Recommended Treatment Procedure for Edge Protection of Overlapping Metal Sheets using SCL Anti-Corrosion Primer, SCL90 High Build & SCL Duratape

NOTE: The following guidelines refer to profiled metal cladding pre-coated with “Plastisol” (or similar), PVF2 or Thermoset (eg. polyester power coatings) material, where arrest or prevention of coating edge creep/corrosion is required.

SURFACE PREPARATION

Ensure that all apparently sound coating is in a serviceable condition and firmly adhered to the metal substrates. Realign any deformed sheeting.

Thoroughly clean down the areas to be treated to a minimum distance of 150mm from the firm coating edge. Ensure that all environmental contamination including oil, grease, dirt, salts etc are removed.

Mechanically remove all loose or weakly bonded coating to a firm feathered edge, removing all corrosion products and leaving a “keyed” bare metal surface. Ensure that all rust spotting within apparently sound coating areas is removed. “Fill” large gaps at sheet overlaps (especially if affected by wind drive effects) with expanding PU foam and trim off excess.

Plastisol or similar – Thoroughly wipe down all prepared surfaces to a minimum margin of 50mm beyond the firm edge, using a suitable solvent eg. urethane thinners or aromatic hydrocarbon solvent, to remove leached plasticiser etc and “liven” the coating surface.

Thermoset/PVF2 coatings: Abrade surfaces to a minimum of 50mm beyond the firm edge (or up to the finish line, whichever is greater). This will remove sheen and promote adhesion. Remove debris and wipe down with suitable solvent (ie. white spirit). For PVF2 use a hard, sharp non-contaminating abrasive to scratch the coating (ie. 120 grade white aluminium oxide paper or pads).

Before work commences ensure all health and safety data sheets are read and understood.



ANTI-CORROSIVE SPOT PRIMING

Apply SCL Anti-Corrosion Primer at 4m²/litre, ensuring good edge cover and overlapping 10-20mm onto the firm edge.

Allow to dry for at least 8 hours before over-coating.

FINISH COAT

Apply one coat of SCL90 High Build at approximately 1m² per litre.

Ensure good edge cover, working well into sheet overlaps.

END LAP BRIDGING & STRIPE COATING TREATMENT

At laps use SCL Duratape to bridge joints.

Unroll and cut to the desired length. While removing the release paper, accurately place the adhesive compound into position onto the contact area. Using a cloth or pad press firmly into place to eliminate air pockets and obtain full surface contact.

To areas of taped joints and extending 50mm onto sheets apply one coat of SCL90 High Build at approximately 1m²/litre ensuring thorough encapsulation of the tape. Allow to dry firm before overcoating.

Ensure stripe coat extends a minimum of 50mm from the edge of the Duratape onto the sheet.

At joints ensure adequate bridging is achieved by applying sufficient product, working well into all taped surfaces and profile details.