



SAMPLE SPECIFICATION FOR **SCL50 SMOOTHSEAL**

Scope of Works: Metal Sheets

INSPECTION AND PREPARATION FOR 10 YEAR SYSTEM

Pitched Plastic Coated Profiled Metal Sheeted Roofs

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

Scrape away any heavy or loose deposits of surface contamination, including suspect oil, grease or dirt. Thoroughly clean down all areas to be treated by high pressure water jetting or vigorously scrubbing with a suitably diluted detergent cleaner. Thoroughly rinse down with clean water until all residues are removed and allow to dry. Plasticised PVC coatings should be thoroughly wiped with SCL Solvent.

Surface chalking (if present) should be removed vigorous rubbing etc. with a fine scouring pad (ie. Scotchbrite) followed by removal of debris. Note: Abrasion of PVF2 coatings (other than around loose or corroded areas) with hard abrasives (eg emery, carborundum, sandpaper etc) should be avoided as this may impair adhesion of subsequent coatings.

Inspect all roof fittings, i.e. trims, flashings, cappings, etc. Make good any damage or replace prior to coating.

Remove all loose, suspect and friable materials, cutting back to a sound firm edge. Prepare all surfaces to a clean, dry and sound condition to promote satisfactory adhesion, if necessary removing existing coatings and test patches.

Localised corrosion should be removed by suitable mechanical means (grinding, abrasion, etc.) and the adjacent areas prepared to a firm feathered edge. Spot prime with SCL A/P Primer. Particular attention should be paid to vulnerable areas such as bolt holes, edges and ends.

Badly corroded sheets should be removed and replaced with new sheets of similar profile.

Remove any unsound remedial repairs and make good. Replace broken/defective sheets as required.

The original factory applied coating should be checked for good integrity and adhesion to the metal profiled sheets. Remove if found to be suspect.

Inspect all fixing bolts and tighten or replace as required. Crop all protruding bolt heads. Mechanically abrade to remove excess corrosion. Remove debris and apply SCL A/P Primer.

SEAMLESS COATINGS LIMITED

Unit 18 Oak Street Industrial Estate, Cradley Heath, West Midlands B64 5JY

Tel: 01384 413 815 Website: www.seamlesscoatings.co.uk E-Mail: sales@seamlesscoatings.co.uk

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Mechanically abrade any ferrous metal surfaces included in the coating schedule. Remove debris and apply SCL A/P Primer. Non-ferrous metals should also be abraded and advice regarding a suitable primer sought from the Company's Technical Department.

Inject expanding polyurethane foam into any large gaps or voids between sheet overlaps. Allow to cure and trim exposed material. If necessary, apply an appropriate adhesion promoting primer. (Consult Seamless Coatings Ltd Technical Department).

INSPECTION AND PREPARATION

Flashings and Trims

- ❖ All flashings should be raised to allow the coating to be taken underneath.
- ❖ Re-bed any loose or unsound flashings.
- ❖ Torn or damaged flashings should be replaced.
- ❖ Re-fix and make good any loose, damaged or missing roof edge trims.
- ❖ Re-fix or replace any missing or damaged profile fillets.

STRIPE COATING/LAP BRIDGING – SHEETED ROOFS

To all spot primed areas, lap joints, bolt heads, drip edges etc., apply one coat of SCL40 Fibre Seal at a nominal coverage rate of 0.75m²/kilo, working well into all voids.

Ensure that the applied product extends to a width of at least 25mm from all edges, overlapping at least 15mm onto existing sound coating.

At lap joints, ensure adequate bridging is achieved by applying sufficient product, working well into any gaps or voids and lightly finishing off in a diagonal direction.

NOTE:

If roof sheets are not sufficiently stable to withstand flexing at the lap joints, insertion of SCL Glass Fibre Matting into suitable embedment materials is recommended. Any large gaps will require special attention.

Allow product to dry firm before over-coating (minimum 16 hours for SCL40 Fibre Seal).

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TOP COATS INCLUDING OVERALL REINFORCEMENT SYSTEMS

SCL 50 Smoothseal

Apply one overall coat of undiluted SCL50 Smoothseal at an approximate coverage rate of 3.5m²/litre.

NOTE:

Rough, uneven or chilled surfaces may significantly reduce the above coverage rates – make further material allowances where necessary).

Ensure good even application of materials, paying particular attention to profile angles, edges, boltheads and protrusions.

APPLICATION OF COATING SYSTEM

Apply to a clean and dry surface one coat of SCL A/P Primer at a spread rate of 6m²/litre by brush, roller or spray.

Apply to a clean and dry surface one coat of SCL95 [Cladding Finish] at a spread rate of 7m²/litre by brush, roller or spray.

Allow to cure overnight

Apply a second coat of SCL95 [Cladding Finish] at a spread rate of 7m²/litre brush, roller, or spray applied.

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NOTE:

Certain vibrant coloured finishes may require an extra coat to ensure satisfactory opacity

Drying/curing times will be shortened at higher temperatures and lengthened at lower temperatures

Coverage rates of all materials will vary according to weather conditions, dimensions and nature/condition of substrates. Make appropriate allowances where applicable.

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