

GENERAL GUIDANCE NOTES

Inspect roofing substrate to ensure suitability for coating.

Previously coated areas must be carefully checked to ensure integrity and adhesion to the substrate. Pay particular attention to solar reflective coatings.

Ensure by adhesion tests that the proposed coating system is fully compatible with existing surfaces. Testing should include determining the necessity/selection of a primer.

Check building for visible structural defects which may adversely affect the stability of the roof.

All roof surfaces to be treated should be sound, dry and free from contaminants.

It is advisable to expose areas of the roof to identify areas of saturation or weakness. Whilst exposed, protect these areas against the weather.

Inspect all roof fittings, i.e. trims, flashings, cappings, etc. Make good all defective areas (renew if necessary) prior to coating.

Inspect all old remedial repairs, patches, cracks, etc. Make good where necessary (remove unsound repairs) prior to coating.

Where air intake units of air conditioning/ventilation systems are present, the client and coatings manufacturer should be consulted to take any steps necessary to prevent entry of solvent vapours (where applicable) into the equipment.

Inspect all upstands, vents and any other protrusions. Make good or replace prior to coating.

Do not remove, or suspend, cables, lightning conductors, wires, etc., without due authorisation. Lightning conductors should not be coated under any circumstances. Other items should not be coated unless agreed.

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

Reinstate falls and/or re-site drainage points as appropriate.

On completion of all coating activity, dispose of all empty material cans, material contaminated tools, overalls and site waste in accordance with the relevant environmental regulations.

Completely clear site including scaffolding, etc.

All work should be carried out in a safe and tidy manner. Relevant Health & Safety/COSHH regulations should be observed at all times.

INSPECTION AND PREPARATION

SCL 90 Durathane System (Metal Gutters)

Clean out and remove debris and dirt from the gutters and water outlets to be treated. Ensure free drainage.

Remove any existing loose or poorly adhering materials and repair where appropriate. Repair, replace and reinstate any defective fixtures and fittings (bolts, seals etc.).

Clean asbestos cement gutters by wet scraping and then treat with SCL Anti-Fungal Wash to kill off any moss or fungal spores left in the gutters. Remove all residues. Ensure compliance with the relevant HSE guidelines on the cleaning of asbestos substrates. Prime the prepared surfaces with SCL PU Primer.

Degrease then, mechanically abrade all metal gutter surfaces to remove corrosion and any ferrous metal surfaces included in the coating schedule. Remove debris and apply SCL Metal Primer. Non-ferrous metals should also be abraded and advice regarding a suitable primer sought from the Company's Technical Department. Depending on conditions galvanised surfaces may require specific pre-treatment

Concrete surfaces should be mechanically abraded (or acid etch if permissible) where necessary to remove laitance and/or remove other impervious matter, concrete curing membranes etc. until an open surface is attained. Prime the prepared surfaces with SCL PU Primer

Re-fix or replace any missing or defective profile fillets.

Advice on preparation/pretreatment of other substrates should be sought from the Company's technical department.

APPLICATION OF COATING SYSTEM

Primer Coat

To a clean and dry surface apply 1 coat of SCL Metal Primer brush or roller apply minimum spread rate of 6 m²/litre.

Allow minimum 8 hours between coats.

SCL 90 Embedment Coat

To a clean and dry surface apply SCL 90 embedment coat, at a spread rate of 1m²/litre while the embedment coat is still wet embed SCL 90 fibre matt rolling the wet surface until the matting is fully embedded

Overlap each run of matting by 25cm ensuring sufficient embedment material is applied to these areas.

Note

After application always check for pin holes and exposed matting, further material may need to be applied. Ensure that any tenting of the Glass Fibre Matt is corrected with sufficient embedment material.

Allow to cure overnight before applying SCL 90 Finish Coat.

SCL 90 Finish Coat

Apply 1 coat of SCL 90 Finish Coat making sure to encapsulate all of the Embedment Coat at a spread rate of 2m²/litre.

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

Note:

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

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