



# **SAMPLE SPECIFICATION FOR** **SCL CLEARGLAZE**

## **SURFACE PREPARATION**

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

The substrate to be treated should always be clean, dry and free from all contamination. We recommend using SCL Fungicidal Wash.

This can be achieved by power washing, or, it may be much more appropriate to use a less vigorous method, in view of the condition of the rooflights.

It may be advantageous to carry out this operation after the damaged substrate has been repaired and the fixings inspected for integrity. An Inspector inside the building would be another option to help avoid damage by water.

The resulting surface should be repaired.

Any areas of growth of moss, mould or algae should be removed and treated with SCL Fungicidal Wash.

Attention should be paid to the roof-detailing. Edges, parapets, copings, upstands, protrusions and roof furniture should all be inspected and checked for integrity. Although this may not be part of the contract, any findings should be reported.

Permission **MUST** be obtained if cables or equipment are to be lifted or moved.

Water outlets must be inspected to ensure that they are sound and free draining. Gutters must be cleaned and inspected (See separate specification).

The coating to the apron flashing detail should be a minimum height of 150mm above the finished surface of the roof, taking in the first set of bolts.

## **NOTE:**

**Special care must be taken with ASBESTOS: Clean the roof (Low power, fully in accordance with Health & Safety Guidelines, filtering and collecting the residue in an appropriate Asbestos Skip. (The Contractor may be asked to remove existing asbestos debris from site). The pressure should not be so great as to cause any damage to the substrate.**



## **FULL REINFORCEMENT**

All areas and all detail work will need to be reinforced with SCL Glass Fibre Matting 100g/m<sup>2</sup> random weave matting.

Reinforcement is achieved, after all appropriate preparation and priming work has taken place, by laying the Glass Fibre Matting into an embedment coat of SCL Clearglaze at 3m<sup>2</sup>/ltr.

### **NOTE:**

**Allowances should be made for the surface profile and the substrate roughness.**

SCL Clearglaze may be applied by brush, roller or airless spray. This has to be rolled through and fully embedded, leaving no wicks.

Should wicks be standing proud after the embedment coat has dried, they must be removed by cutting off or sanding down.

Treat detail areas first. Using a lint free roller or soft brush apply a continuous and even bedding coat of SCL Clearglaze at the specified coverage rate of 1litre per metre squared to the prepared and dry detail areas ensuring that material is worked into all angles and crevices. Embed the Glass Fibre Matting into the wet coating ensuring that the SCL Clearglaze fully saturates the reinforcement and is forced through the fabric, trapping no air (Take extra care at the fabric laps, where a 50mm overlap is required). The embedment process is carried out using a fully loaded roller or brush. Do not use a dry roller or brush.

Using a lint free roller, apply a continuous and even bedding coat of SCL Clearglaze, at the specified coverage rate, to the prepared and dry main roof-light area. Overlap onto the coated detail work by a minimum of 50mm. Place or roll the Glass Fibre Matting into the wet coating and press firmly into place ensuring that the SCL Clearglaze fully saturates the reinforcement and is forced through the fabric trapping no air (Take extra care at the fabric laps). Sheets should be overlapped (Feathered edge uppermost) by a minimum of 50mm ensuring that an adequate amount of SCL Clearglaze is applied at lap areas. The embedment process is carried out using a fully loaded roller or brush. Do not use a dry roller or brush. Allow the reinforced base coat to fully cure, normally overnight.

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## **TOP COATS**

Apply a Top Coat of SCL Clearglaze at 3m<sup>2</sup> per litre, making full allowance for surface profile and roughness. This can be significant.

Apply SCL Clearglaze at the specified coverage rate to the treated detail areas first ensuring a continuous and even coating free from bubbles or pinholes.

Once the details have been coated, apply the coating to the treated main roof-light areas at the specified coverage rate ensuring that the coating is continuous and even, especially where it meets the applied detailing coat.

## **NOTE:**

**IN ALL CASES ALLOWANCES MUST BE MADE FOR SUBSTRATE PROFILE AND WASTAGE.**

**THIS CAN BE SIGNIFICANT AND GREAT CARE SHOULD BE TAKEN WHEN ESTIMATING.**

SAMPLE