

Clearguard UVR

A clear, light stable coating for roof and skylights



“maintenance made easy”



PRODUCT DESCRIPTION

Clearguard UVR is a low viscosity two part high build 100% solids epoxy formulation providing an extremely tough and totally impervious gloss finish with excellent chemical resistance that is UV stable. Its low viscosity formulation ensures maximum penetration into porous surfaces, actually strengthening the substrate.

TYPICAL USES

Clearguard UVR is designed as a clear sealer with excellent UV resisting capabilities. This allows it to be used on tiles and even clear roof lights without compromise. It can be used over timber to seal surfaces and can be used on period buildings as a protection coating.

SUITABLE SUBSTRATES

Clearguard UVR has been developed specifically for cementitious substrates, timber and polycarbonate sheeting amongst others.

COLOUR

Clearguard UVR is colourless and translucent.

PACKAGING

Clearguard UVR is supplied in pre-measured quantities as a two part 5.0 litre unit, comprising an epoxy resin blend Part 'A' and hardener Part 'B'.

PHYSICAL PROPERTIES

Compressive Strength	70N/mm ²
Flexural Strength	92N/mm ²
Tensile Strength	50N/mm ²
Elastic Modulus	3.4KN/mm ²
VOC	41.5 g/l

DIRECTIONS FOR USE

SURFACE PREPARATION

Thorough substrate preparation is essential.

Recommended methods are:

Loose paint or rust – remove using suitable means.

Oil or grease – smaller, isolated deposits may be chemically cleaned with Polycote Degrease IT then rinsed thoroughly and allowed to dry.

Polycarbonate sheeting must be washed and degreased prior to coating.

See relevant Data Sheet prior to application.

DIRECTIONS FOR USE *Cont.*

ONCE PREPARED, THE AREA MUST BE KEPT CLEAN AND FREE OF TRAFFIC.

MIXING

Thoroughly agitate Parts 'A' and 'B' individually to disperse any settlement, then add hardener Part 'B' to resin Part 'A' and mix for approximately two minutes using a heavy-duty slow speed drill with a mixing paddle.

ENSURE THOROUGH MIXING AS AN UNMIXED PRODUCT WILL RESULT IN A POOR OR NON-CURE SITUATION.

APPLICATION

Once mixed, the *Clearguard UVR* must be applied immediately, by roller or brush, and should be cross-rolled to ensure an even application and to minimise roller marks.

The coverage rate will depend on the desired finish porosity of the substrate. To achieve a 250 micron thickness apply at a rate of 4 sq m per ltr, and for a 500 micron thickness, 2 sq m per ltr.

Please ensure rain is not imminent for at least 18 hours after application.

Test on a small area for compatibility if unsure.

POT LIFE AND CURING TIMES

Clearguard UVR – pot life is approximately 20 minutes at +20°C. Initial curing takes place at 8-12 hours and product is fully cured after 7 days.

Recoat time is 8-12 hours or once surface has lost tackiness, but must be within 24 hours.

APPLICATION TEMPERATURE

Normal application temperature is between 10°C and 25°C. Surface temperature must be above 5°C.

COVERAGE

The coverage of *Clearguard UVR* is approx. 20m² per 5L unit, depending on the texture and porosity of the surface.

CLEANING

Tools and equipment should be cleaned whilst resin is still wet with Solvent Cleaner.

Hands and skin should be cleaned immediately with Organic Hand Cleaner.

SHELF LIFE & STORAGE

Shelf life in unopened containers is approximately 12 months subject to conditions of storage.

Store in a cool, dry, frost-free environment away from sources of ignition and out of direct sunlight.

HEALTH AND SAFETY

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

ANY QUESTIONS?

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.

Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Help line
01234 846400

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

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