Technical Data Sheet

HyGlaze™ Supa-C

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Chemical resistant epoxy wall coating

Product Description

HyGlaze Supa-C is an aliphatic solvent-based UV stable two part epoxy wall coating designed for maximum chemical resistance. Its specialised formulation enables a thickness of up to 0.5mm to be achieved easily in two coats.

As from 24th August 2023, adequate training is required before industrial or professional use of this product

Typical Uses

Designed for areas of harsh or extended chemical attack, *HyGlaze™ Supa-C* is formulated specifically as a wall coating for chemical bunds and industrial environments.

Suitable substrates:	Following application of the appropriate primer, *HyGlaze™ Supa-C* may be applied to concrete, render, brick, aluminium and steel.
Colour	*HyGlaze™ Supa-C* is available in a selection of 12 stock colours, or in a large range of BS4800 and RAL specifications (subject to minimum quantity). We can make it to your specification on any order over 30 units.
Packaging:	*HyGlaze™ Supa-C* is supplied in pre-measured quantities as a two part 5.0kg unit, comprising an epoxy resin blend Part 'A' and hardener Part 'B'.

Direction For Use

Surface Preparation

THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.

Prior to application of *HyGlaze™ Supa-C*, the surface should be primed with Polycote E*P Primer* or *WD Primer*, depending on the type of substrate.

Please contact Polycote Technical Helpline and prepare the surface in accordance with the appropriate primer Data Sheet.

Should the time lapse between priming and top coat exceed 48 hours, abrade the primer to ensure intercoat adhesion.

Mixing

Prior to mixing, both components should be kept at a temperature between 15°C and 20°C.

Having fully prepared the substrate, stir the individual components before mixing together. As pigment may 'sink', ensure that the mixing is very thorough and from the bottom of the container.

Add the hardener to the coloured resin and thoroughly mix for at least 5 minutes. For best results use a heavy duty slow speed drill with a mixing paddle.

Application

Apply by brush, roller or squeegee, making sure that the surface is completely covered. Always ensure a constant wet edge and work within the pot life of the material.

Make sure the coating is not overlapped in any area and apply in one direction only. Two coats are recommended in areas of high chemical aggression.

The ambient temperature of the areas should not fall below 10°C throughout the application and curing period.

Application Temperature

Normal application temperature range is between +15°C and +20°C.
The maximum substrate and atmospheric relative humidity should be 75%.

Pot Life & Curing Time

The pot life once mixed is 30 minutes maximum at +20°C.

Recoat time (min.) is 16 hours and (max.) 36 hours. The area should be kept free of light traffic for 16 hours, and medium traffic for 48 hours. Full strength is achieved after 7 days.

Coverage

Approximately 4m^2/kg per coat, up to 20m^2 per 5kg unit, will depend on the surface porosity and its texture.

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.

Polycote UK LLP
01234 846400 | uksales@polycote.com | www.polycote.com

Shelf Life & Storage

Shelf life in unopened containers is approximately 12 months subject to conditions of storage. Store in a cool, dry, at temperatures between 10°C to 25°C, frost-free environment away from sources of ignition.

Health & 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 Helpline: **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 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.