

HyGlaze™ EP

Product Description

High build pure epoxy wall coating

HyGlaze™ EP is a two part epoxy wall coating with a 100% solids content. Providing a hardwearing, easy clean surface with a coloured gloss finish for medium duty traffic. Aggregate may be added during application to create a non-slip surface.

It is easy to apply without the need for solvents or thinners and will protect concrete from oil and chemical spillages.

Typical Uses

HyGlaze™ EP is ideal for use in warehouses, factories, processing plants, showrooms, hospitals and schools.

Suitable substrates: *HyGlaze™ EP* may be applied direct to most substrates, including old and new concrete and polymer modified cementitious screeds.

Colour *HyGlaze™ EP* is available in a selection of 13 stock colours, or in a large range of BS4800 and RAL specifications (subject to minimum quantity). Other colours are available on request.

Packaging: *HyGlaze™ EP* is supplied in pre-measured quantities as a two part 5.0kg unit, comprising a coloured epoxy blend Part 'A' and hardener Part 'B'.

Direction For Use

Surface Preparation

THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.

Prior to application of *HyGlaze™ EP*, the surface should be primed with either *Polycote WD Primer* or *Polycote EP Primer*, depending on the type and condition of the substrate. Please contact Polycote Technical Helpline for advice, and follow preparation guidelines on the relevant primer Data Sheet.

Mixing

Materials should be stored at 15°C to 25°C for a minimum of 8 hours before use.

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 Part 'B' to Part 'A' and thoroughly mix for at least 3 minutes. For best results use 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.** Do not add solvent/thinners to the product.

Application

Having prepared and primed the surface, *HyGlaze™ EP* should be applied after the primer has completely dried but within 36 hours of priming to ensure a good intercoat chemical bond. Apply by brush or roller making sure that the surface is completely covered.

Particular attention should be given to any protrusions or other vulnerable areas. When finished, **DO NOT** scrape the remaining contents from the container as this will invariably include unmixed raw resin.

Application Temperature

The ambient temperature of the areas should not be allowed to fall below 15°C throughout the application and the curing period, as this could have an adverse effect on the appearance and colour of the system. Surface temperature must be above 10°C.

Pot Life & Curing Time

The pot life of *HyGlaze™ EP* once mixed is approximately 20-25 minutes at 20°C.

Initial curing takes place within 8-10 hours depending on temperature. To ensure a good intercoat chemical bond, overcoat within 36 hours.

Full cure is reached after 7 days.

Coverage

The coverage of *HyGlaze EP* is approximately 15m² per 5.0kg unit, depending on the texture and porosity of the substrate.

Cleaning

Tools and equipment should be cleaned whilst resin is still wet using Polycote Solvent Cleaner. Hands and skin should be cleaned immediately with organic hand cleaner.

Shelf Life & Storage

Health & Safety

Any Questions

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, at not less than 15°C.

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.

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.

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BSEN 13813 SR B 2.0 – AR 0.5 – IR4 Resin coating/screed for use internally as per Polycote data sheet	
Wear resistance:	AR 0.5
Bond strength:	B 2.0
Impact resistance:	IR 4