

Graffitex

Product Description

Water-based, weather resistant, anti-graffiti coating

Polycote *Graffitex* is a two part, water-based, polyurethane coating specially formulated to protect building surfaces against the detrimental effects of permanent graffiti marking. Its tough, clear, satin finish is unaffected by the use of solvents such as acetone when removing stubborn paint, and offers excellent resistance to abrasion, acids, alkalis and UV light. *Graffitex* is water vapour permeable, retaining breathability of the building materials.

Typical Uses

Graffitex may be applied to most exterior and interior surfaces susceptible to graffiti, including walls, floors, facades, fences, public buildings and sculptures.

Suitable substrates: *Graffitex* may be applied to concrete, stone, brick, wood, paint and various coatings.

Colour: *Graffitex* is clear and colourless.

Packaging: *Graffitex* is supplied in pre-measured quantities as a two part 5 litre unit, comprising resin Part 'A' and hardener Part 'B'.

Direction For Use

Surface Preparation

The surface must be clean, dry and free of oil or grease.

Glossy and satin surfaces should be slightly abraded to provide a surface key.

Mixing

Having fully prepared the substrate, stir the individual components thoroughly before mixing together. Add Part 'B' to Part 'A' and thoroughly mix for at least 5 minutes. For best results use a heavy duty slow speed drill with a mixing paddle to avoid air entrapment. Allow the mixture to settle for 5 minutes or until foaming has cleared.

Ensure thorough mixing as an unmixed product will result in a poor or non-cure situation.

For a slip-resistant finish

Add 125g Polymer Bead 0.1mm to the combined product and mix thoroughly before coating. If a coarser finish is required, this can be increased to 250g.

Application

Application Conditions

The temperature of application must be above 10°C. Relative humidity should be below 75%. Ensure adequate ventilation.

Application

Apply undiluted by brush, short pile roller or spray.

One coat is normally sufficient but porous substrates may require a second coat. This should be applied after a minimum of 6 hours drying time and before a maximum of 24 hours.

Care must be taken during application to ensure a wet edge is maintained at all times. Avoid rolling over material that has begun to cure. For the best finish and to minimise roller marks, complete the application in one consistent direction (cross-rolling recommended). The ambient temperature within the application area must be maintained at a minimum of 15°C throughout both the application and curing periods. Failure to observe this may adversely affect the colour consistency and overall appearance of the finished system.

Pot Life & Curing Times

The pot life of *Graffitex* once mixed is approximately 40 minutes at 20°C. It will accept pedestrian traffic after 12 hours, light vehicle traffic after 24 hours, and full traffic after 48 hours. Full cure and maximum chemical resistance are achieved after 7 days.

Please note: At lower temperatures, the above cure times will be extended.

Coverage

The coverage of *Graffitex* is 25-40m² per 5 litre unit, depending on the texture and porosity of the substrate.

Cleaning

Tools and equipment should be cleaned whilst resin is still wet using warm soapy water. 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 between 10-25°C away from sources of ignition.

Technical Data

Health & Safety

Any Questions

Below data based on 28 days @ 20°C

Bond Strength:	> 2.0 N/mm ² (Concrete Failure)
VOC:	20g/l - based on fully mixed unit
Chemical Resistance:	Excellent general chemical resistance. For specific reagents contact Polycote Technical Department.

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.

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

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.