

CHEMRITE COATINGS – CHEMRITE 175

Anti-Graffiti Protection Coating

Product Description

CHEMRITE® 175 Coating is a UV resistant polyurethane clear sealer for porous surfaces. It brings out the colour of the substrate and makes the surface easier to clean. Unlike epoxy sealers it does not yellow and chalk over time on exposure to sunlight. While CHEMRITE® 175 primary function is sealing it is also very durable with good abrasion and chemical resistance extending the areas in which it can be applied. When required it is re-coatable after good degreasing and light abrasion. CHEMRITE® 175 is also resistant to most graffiti removers.

Features

CHEMRITE® 175 is supplied as a low viscosity 2 pack coating. It shows good flow and penetration into porous surface leaving a gloss finish free of brush marks. CHEMRITE® 175 shows good cure in cool conditions.

Typical applications

- Anti-graffiti Protection
- Tile sealer (unglazed)
- Concrete Sealer
- Top coat over epoxy coatings
- Dust sealer

Resistance to chemical spillage

- Solvents
- Fuel
- Oils
- Food emulsion
- Ammonia solution (40%)
- Salts
- Hydrochloric Acid (33%)

Technical

	CHEMRITE® 170
Touch Dry (@25°C , 55% RH)	4 Hours
Full Cure	7 Days
Chemical resistance	Excellent
UV Resistance	Excellent
Shelf life	6 Months
Colour	Clear

Typical systems

Surface	Preparation guide	System	DFT
Tiles	Tiles should be wet mechanically cleaned with detergent water and rinsed. Final preparation is a steam clean or hot high pressure water wash and let dry.	1 st Coat – CHEMRITE® 175	25-50 µm
Concrete	Concrete should be cleaned free from grease and oil. When clean, remove all surface laitance or loose particles by high pressure water wash and let dry.	1 st Coat – CHEMRITE® 175 If required 2 nd Coat – CHEMRITE® 175	25-50 µm 25-50 µm

Preparation and application

As above. The performance of the system is related to the effectiveness of surface preparation.

Mix Preparation

CHEMRITE® 175 has a 2:1 ratio (volume). Use a two parts of Part A with one of Part B. However for larger applications, empty all of the contents of both Part A and the Part B into a mixing container large enough to hold both volumes. Ensure that the container is emptied by draining remaining material from the container corners.

The mixture should then be mixed at a very slow speed of 250 rpm, or by hand and including scraping the container sides. Mixing should continue until it is clear that the product has a clear constant consistency.

Application

CHEMRITE® 175 can be applied by brush, roller.

Take care to avoid pooling of the product. This particular applicable with surfaces/areas that are not very absorbent. If required, re-coating should also be done within 48 hours.

Spread rates are dependent on the porosity of the substrate.

Do not thin.

Cleaning

All tools and spillages can be cleaned before the curing process has started using MEK/Xylene. Do not thin.

Packaging

CHEMRITE® 175 is packaged in 3 and 6 kits.

Safety Precautions

Whenever applying an epoxy resin, protective clothing must be worn. At a minimum, suitable rubber gloves and protective eyewear must be worn.

Isocyanates are classified as hazardous and it is recommended that you refer to the Material Safety Data Sheet (MSDS).

Product Disclaimer

This Technical Data Sheet (TDS) summarises to the best of our knowledge the product and how to use and apply the product based on the information available to us at the time. It is recommended that you read this TDS and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. If you are uncertain about any content herein, it is strongly recommended that you contact one of our technical experts for advice. Our responsibility for products sold is subject to the CHEMRITE Technologies standard terms and conditions of sale. We do not accept any liability for any losses suffered for damages of any nature whatsoever resulting from the use of or reliance upon information or the product to which information refers.

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