

SIPSEAL 221

Epoxy Sealer

Product No. 6221

Features

- Two pack, unsaponifiable transparent epoxy sealer.
- Promotes adhesion between substrate and coating.
- Reinforces concrete surface.

Recommended Use

- As a sealer coat on concrete substrates and untreated asbestos cement etc. to prevent absorbing of binder parts of subsequent high performance coatings.
- As a thin film lining of 10-15 microns for transformer oil.

Physical Data

Finish : Glossy

Colour : Clear

Volume Solids : 28%

Recommended Film Thickness :
25 microns dry = 90 microns wet

Theoretical Coverage :
11.2 m²/litre at 25 microns

Density (mixed) : 0.92 Kg/litre

Drying Times :

At 25°C/ 65 % RH

Dry to recoat : 16 Hours

Maximum Recoatability : 05 Days

Heat Resistant : 120°C Dry

Flash Point : 4°C

Specification Data

Preparation

Concrete:

The surface should be thoroughly dry. All dirt, dust and loose parts must be removed.

Steel:

All oil grease contaminants, loose rust, loose scales and unsecured old paint must be removed by degreasing with solvent followed by blast cleaning.

Paint System

Sipseal 221 can be overcoated with various epoxy and polyurethane resin based products.

Application Data

Mixing Ratio by Volume	Base : 5 parts Hardener : 1 part									
Mixing Advice	SIPSEAL 221 is a two component product supplied in 5 and 20 ltr. kits which contain the proper ratio of ingredients. The entire contents of each container must be mixed together.									
Thinning	Not required.									
Induction Time	20 Minutes									
Pot Life	12 Hours at 20°C.									
Application Details	<p>Application temperature: 5 - 50°C. The minimum temperature required for satisfactory drying is 10°C. the surface temperature must be at least 3°C above the dew point to prevent condensation. Never apply paint under adverse weather conditions. In confined spaces, constant purging of the air during application and drying is necessary to eliminate solvent vapours for reasons of health and safety as well as to assist evaporation.</p> <table border="0" style="width: 100%;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>Airless spray</u></th> <th style="text-align: center;"><u>Conventional spray</u></th> </tr> </thead> <tbody> <tr> <td>Nozzle orifice</td> <td style="text-align: center;">0.33 mm - 0.013 inch</td> <td style="text-align: center;">1.5 - 2 mm</td> </tr> <tr> <td>Working pressure</td> <td style="text-align: center;">120 - 140</td> <td style="text-align: center;">2 - 3 bar</td> </tr> </tbody> </table> <p>The recommended method of application is by airless spray, air spray, brush or roller.</p>		<u>Airless spray</u>	<u>Conventional spray</u>	Nozzle orifice	0.33 mm - 0.013 inch	1.5 - 2 mm	Working pressure	120 - 140	2 - 3 bar
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Cleaning of Equipment	Use Thinner 730.									

Storage Information

Pack Size	5 and 20 ltr. two component kits.
Storage	Store generally in original sealed container, indoors, at a temperature between 5 and 40°C and relative humidity below 70%.
Shelf Life	2 Years

Safety Information

See the material safety data sheet and product label for complete safety and precaution requirements.

Disclaimer

The information in this data sheet represent test results or experience under well defined conditions. Its accuracy or suitability under the actual conditions of any intended use is not guaranteed and must be determined by the user. All advice given about this product is given in good faith. Since as we have no control over conditions of substrate and application, manufacturer and seller can not accept any liability in connection with the use of the product relative to coverage, performance, injury or damage, unless we specifically agree in writing to do so. The information in this data sheet is subject to change without notice and it is the user's responsibility to ensure it is current. For further information and advice contact SIPCO Technical Services Department on Tel. (03) 847 2299, Fax (03) 847 3780.