



EPOXY TOPCOAT

PRODUCT DESCRIPTION

Commercial Performance Coatings Epoxy Topcoat is a two component epoxy polyamide cured protective coating which provides a high gloss, easily maintained surface for areas of high physical abuse and aggressive environments.

It is primarily designed for use on interior concrete floors but can also be used over 408 Epotec Primer where resistance to water, alkalis, oils and solvents is required.

Utilising the SELEMIX® universal tinter system, Commercial Performance Coatings Epoxy Topcoat is available in a range of colours.

PRODUCTS

Epoxy Topcoat Mixed Colour		EXT
Hardeners	<i>Cold conditions</i>	EXH10 Epoxy Pack B Fast
	<i>Normal conditions</i>	EXH20 Epoxy Pack B Normal
Reducers	<i>Cold conditions</i>	EXR10 Epoxy Reducer Fast
	<i>Normal conditions</i>	EXR20 Epoxy Reducer Normal
	<i>Hot conditions</i>	EXR30 Epoxy Reducer Slow
	<i>Very Hot conditions</i>	EXR40 Epoxy Reducer Extra Slow
Cleaners		971-9119 PROTEC® Metal Conditioner
		AA-6822 <i>Protec</i> Heavy Duty Wax & Grease Remover

SUBSTRATES & PREPARATION

Concrete



Commercial Performance Coatings Epoxy Topcoat can be applied on newly prepared interior concrete floors once they have been prepared as follows:

A penetrating coat should always be applied first (this coat does not count as a full coat). Please refer to "Application & Flash Off" for details on this coat.

See Preparation for Concrete Floors CPC document for preparation details.

Commercial Performance Coatings Epoxy Topcoat can be applied over the following primer:

- 408 Epotec Primer

Steel

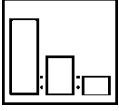


Surfaces showing heavy scale or surface rust should be treated with 971-9119 *Protec* Metal Conditioner. Heavily rusted surfaces should be abrasively blast cleaned.

Before and after any sanding operation, the substrate must be thoroughly degreased using AA-6822 *Protec* Heavy Duty Wax & Grease Remover to remove all traces of dirt, oil, grease, silicone, wax etc.

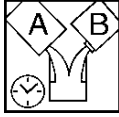
Substrates other than those stated above should be tested before use, to ensure that the performance of this product is suitable for its intended use.

MIXING RATIO BY VOLUME



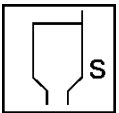
Epoxy Topcoat	1
Hardener	1
Reducer	Up to 25%

POT LIFE



Catalysed material is useable for up to 8 hours at 25°C

SPRAY VISCOSITY



25 - 35 seconds (DIN 4) at 25°C

SPRAYGUN



CONVENTIONAL SETUP

• SUCTION 1.8 mm - 2.0 mm

SPRAY PRESSURE

• CONVENTIONAL 3.5 - 4.5 bar (350 - 450 kPa, 45 - 65 psi)

APPLICATION & FLASH OFF



For concrete floors, apply a penetrating coat, followed by 2 coats of Topcoat. For all other applications, refer to "TOPCOAT" description below

PENETRATING COAT

At temperatures $\geq 20^{\circ}\text{C}$, this coat can be applied in the morning followed by the first coat of Epoxy Topcoat in the afternoon. For cooler conditions, it is recommended the penetrating coat be left overnight before topcoating.

For Penetrating coat, mix Epoxy Topcoat with Hardener (1:1) and add 25% Reducer. Apply 1 even coat over the entire surface. The coating will melt into the concrete and will not show any signs of gloss. Once dry, surface is ready for topcoating with Epoxy Topcoat.

TOPCOAT

Apply by Spray, Brush or Roller

Apply 2 wet, even coats

Allow 40 - 50 minutes flash off between coats at 25°C for spray application.

Allow overnight flash off between coats at 25°C for brush/roller application.

DRYING TIMES



AIR DRY (25°C)

- TOUCH DRY: 2 hours
- DRY TO HANDLE: 16 hours

Note: Drying of EXT Topcoat is very dependent on temperature and humidity and it will not cure at surface temperatures below 10°C, or Air temperature is below 15°, or within 3°C of the dew point.

RECOAT



Can be recoated between 16 - 48 hours drying. After 48 hours have elapsed. All surfaces should be thoroughly sanded to ensure maximum adhesion. Recommendations are based on 25°C ambient temperature.

TOTAL DRY FILM BUILD

40 - 60 µm

TECHNICAL PARAMETERS

VOLUME SOLIDS (RFU)

41 - 46%, depending on colour

COVERAGE

7.0 - 11.5 metres squared per litre (m²/L)

EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

HEALTH AND SAFETY

Please refer to Safety Data Sheets (SDS) for full Health and Safety details, as well as product can labels.

This product is for professional use only.

The information given in this sheet is for guidance only. Any person using the product without first making further inquiries as to the suitability of the product for the intended purpose does so at his or her own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Drying times quoted are average times at 25°C/77°F. Film thickness, humidity and shop temperature can all affect drying times.

PPG Industries Australia Pty Ltd, 14 McNaughton Rd

Clayton, VIC 3168 Australia

EMERGENCY RESPONSE NUMBER, Australia: 1800 883 254

PPG Industries New Zealand Pty Ltd, 5 Vestey Dr, Mt Wellington

Auckland, New Zealand

EMERGENCY RESPONSE NUMBER, New Zealand: 0800 000 096

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