



COLOURPLUS

Promene Epoxy

Two Pack Epoxy Finish

Technical Data Sheet PR610

PRODUCT LINE	Colourplus Promene Epoxy	
DESCRIPTION	Colourplus Promene Epoxy is a two pack chemically cured coating which gives high chemical and abrasion resistance.	
TYPICAL USES	<p>For the protection of steel in aggressive chemical environments when applied over recommended primers. Flooring and walls where a hygienic, hard wearing surface is required.</p> <p>Promene Epoxy is approved for dairy, meat, fish, game and poultry processing areas.</p>	
PHYSICAL PROPERTIES	Binder Type	Two part epoxy
	Mixing Ratio	5:1 by volume
	Pot life (mixed)	6 hours with standard hardener
	Solvent	Aromatic and Glycol Ether
	Colour	White, grey and colours
	Finish	Semi gloss
	Dry time	8 hours at 20°C
		Hard dry 7 days
	Recoat time	Overnight
	Number of coats	2 or 3
	Volume solids (white)	60% (+/-)
	Theoretical Coverage	6-12m ² per litre at 15 microns
	Recommended Film Thickness	40 microns per coat
	Clean up	Epoxy thinners
SURFACE PREP	Ensure surfaces are free from loose or flaky paint. Wash surfaces with Colourplus Blue Wash for exterior surfaces or Colourplus Sugar Soap for interior surfaces prior to painting to remove oil, grease, dirt, and other contaminants. Where there are areas of mould, treat with Colourplus Green Clean.	
APPLICATION	<p>Colourplus Promene Epoxy may be applied by brush, roller or spray. First coat should be applied by brush or roller only,</p> <p>Concrete Floors</p> <ol style="list-style-type: none">1. Acid etch and wash thoroughly, allow to dry.2. Apply 1 coat of Promene Epoxy , allow to dry overnight. Do not thin first coat.3. Sand lightly, remove dust and apply a second coat of Promene Epoxy . A third coat may be needed, particularly in high traffic areas. <p>Concrete Walls, Hardiflex and Wallboards</p> <ol style="list-style-type: none">1. Apply 2 or 3 coats of Promene Epoxy , allow overnight drying between coats. <p>Steel or Non-Ferrous Metals</p> <p>Refer to Jacobsen Colourplus Ltd. Technical Service Department for details on preparation and application for specific conditions.</p>	

Concrete Walls, Hardiflex and Wallboards

1. Add part hardener to part base. Stir well with a broad flat stick or a mechanical stirrer before application. If hardener is not mixed in adequately, full hardness may not develop in areas.
2. Recoat within 48 hours of application of first coat.
3. Will stand light foot traffic after 24 hours, but allow 7 days curing before subjecting to heavy traffic, under adverse conditions longer curing periods may be necessary.

PERFORMANCE & LIMITATIONS

Performance

- Excellent adhesion and chemical resistance
- Excellent intercoat adhesion
- Hygienic, easy to clean surface
- Easy to apply

Limitations

- Do not apply when temperature falls below 10°C or at times of high humidity
- In exterior application, product is subject to chalking
- On unsealed concrete practical coverage rates may be as low as 4m² per litre with first coat

HEALTH & SAFETY

Epoxy System

Colourplus Promene Epoxy is a two part epoxy product containing flammable solvents. Do not expose containers to naked flames or high temperature heating equipment. It is recommended that a barrier cream be used for hands and that when spraying, safety glasses or face mask be worn.

Transport

UN No.	:	1263
Class	:	3
Hazchem	:	3Y

Storage

Do not store close to naked flames or near high temperature heating equipment.