

PRODUCT SPECIFICATIONS

Product Description

A two-pack, environment friendly high performance, waterborne epoxy finish designed for applications on various surfaces.

Design Features

- Excellent abrasion & impact resistance
- Excellent antibacterial and anti-fungus properties
- Excellent flow and levelling properties.
- Resistance to spillage and splashes of mild chemicals.
- Excellent adhesion over various substrates, old coatings and damp surfaces
- Environment friendly, Low VOC, Heavy metal free non hazardous coating
- Water resistance, easily cleanable, anti-stain durable finish.

Design Uses

As an interior epoxy finish coat for concrete wall, metal, floor, refuse chute, food court, Kitchen hospitals, food factories, schools, clean room, Laboratories etc.

Physical Characteristics

Recommended Application Data	Wet [μm]	Dry [μm]	m ² /l
Theoretical Coverage	150	75	6.67

Volume Solids	:	50% (based on ASTM D2697)
Dry Film Thickness Range	:	75 μm to 90 μm
Flash Point	:	42°C
Finish	:	Semi-gloss
Colour Range	:	Standard and customized colours available.
Standard Packing Size	:	5L, 10L

Application Method

ROLLER	:	Recommended method of application
AIRLESS SPRAY	:	Can be applied. Tip Size 0.41 – 0.58 mm
BRUSH	:	May be used for small areas, inaccessible areas and touch up.

Stir contents of the can thoroughly before use. Thinning is not usually required. However, if thinning is desired, do not exceed the recommended thinning ratio.

Drying Time

Substrate Temperature	Touch Dry	Hard Dry	Full Cure	Overcoating Interval		Pot Life
				Min.	Max.	
25 °C	5 hours	16 hours	5 days	24 hours	Indefinite	1.5 hours
35 °C	4 hours	12 hours	3 days	16 hours	Indefinite	1 hour

Additional Information

THINNER	:	Water (Maximum 15% addition for finishing); (Maximum 20% addition for primer)
CLEANER	:	Water
STORAGE	:	Store in a cool dry shaded area.
SHELF LIFE @ 25 °C	:	12 months when stored as prescribed in the MSDS

Surface Preparation

The service life span and the service performance of this product is directly related to the degree of surface preparation.

- New concrete should be left for 28 days to cure before coating.
- Old concrete should be prepared by shot/grit blasting or scrubbing to provide for a rough surface profile. Alternatively, a concrete etch primer such as Luxaprime 1900 may be used.
- Blowholes and other defects in the concrete should be filled with suitable filler compounds.
- The surface to be coated should be sound, dry and free from all foreign matter such as dirt, dust, oil and grease.
- For application over aged coatings, thorough sanding is required. All loose and flaking coatings should be taken back to a firm edge.

To avoid condensation of moisture onto substrate prior to coating application, substrate temperature should be more than 3 °C above Dew Point.

Suitable Undercoats

Epiluxaqua 10, Epiluxaqua 50 (Dilutes)

Notes

- Condensation occurring during or immediately after application may result in a drop in gloss and inferior film properties.
- Do not apply this product when the pot-life is exceeded, even if the paint still appears liquid.
- Avoid application of excessive thickness as it will require longer periods to cure.

Safety Precaution

- Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, goggles, dust mask and gloves. Use barrier cream.
- Ensure that there is adequate ventilation in the area where the product is being applied. Do not breathe in vapour or spray mist.
- This product is flammable. Keep away from sources of ignition. Do not smoke.
- Take precautionary measures against static discharge.
- In case of fire, blanket flames with foam, carbon dioxide or dry chemicals.

First Aid

- Eyes** : In the event of accidental splashes, flush eyes with warm water immediately and seek medical advice.
- Skin** : Wash skin thoroughly with soap and water or approved industrial cleaner. Do Not Use solvents or thinners.
- Inhalation** : Remove to fresh air, loosen collar and keep patient rested.
- Ingestion** : In case of accidental ingestion, DO NOT INDUCE VOMITING. Obtain immediate medical attention.

For further safety information, please refer to our **Material Safety Data Sheet (MSDS)**

The information provided on this data sheet is not intended to be complete and is provided as general advice only. It is the responsibility of the user to ensure that the product is suitable for the purpose for which he wishes to use it. As we have no control over the treatment of the product, the standard of surface preparation of the substrate, or other factors affecting the use of this product, we are not responsible for its performance nor would we accept any liability whatsoever or howsoever arising from the use of this product unless specifically agreed to in writing by us. The information contained in this data sheet may be modified by us from time to time, and without notice, in the light of our experience and continuous product development.

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