SMARTCARE

asianpaints BERGER

Apcoflor Epoxy Putty

Solvent free Epoxy Putty



Description

Apcoflor Epoxy putty is a two component solvent free epoxy putty pigmented with inert pigments. It is used to fill minor concrete defects like blow holes and imperfections prior to epoxy, polyurethane and polyurea coatings.

Uses

- As a filling compound for metal and masonry.
- Readily accepts any topcoats or lining.
- Skim coat
- Repair of imperfections in coatings
- General re profiling
- Bedding mortar

Characteristics

- Excellent resistance to salt water and jet fuel.
- Excellent sag resistance.
- Nontoxic.
- Smooth and uniform finish.
- Suitable for applications from a thin fairing coat up to 3mm.

Coverage

1.5 kg/m^2 Depending on the nature of substrate

Properties

Volume solids	100%
Tensile Strength ASTM C 307-18	13.1 N/mm^2 in 7 days
Adhesion/ pull off Strength ASTM D 4541:2017	>6 N/mm^2
Flexural strength ASTM C 580-02	>21 N/mm^2
Compressive strength ASTM C579-2018	>70 N/mm^2
Reduction in chloride ion penetration	76
Typical dry film thickness	Depending on Nature of Substrate
Wet film thickness	N/A
VOC “As Supplied” (Based on ASTM D3960)	<1gms/ ltr
Color	White translucent
Finish	Smooth & Semi-Gloss

Application Method

Surface Preparation:

The surface should be free from oil, grease, dirt and water. Meal surfaces should be spot grit blasted to Sa 2 ½ Swedish Standard SIS 05 59 00 or ISO 8501-1: 1998. However, if this is not possible, manual cleaning to minimum standard Swedish Standard SIS 05 59 00 St 3 may be used but reduced adhesion may result. Any primed surface must be fully cured prior to application.

Application

This product can be easily applied with trowel or spatula. When applying press firmly into holes, cracks and level off whilst the putty is pliable. This will minimize any further rubbing down that may be necessary. If rubbing down is required, it should commence 8 hrs after application using a fine sander or Grade 240 paper. If the putty is allowed to cure beyond 12 hours, it will become difficult to rubdown.

This product is supplied as two pack material and should be mixed thoroughly just prior to application. Application and mixing equipment should be cleaned as soon as possible after use using Solvalux 7-45.

Drying time

Surface Temperature	Touch Dry	Hard Dry	Over coating interval
15°C	18 Hrs	48 Hrs	16 Hrs
25°C	10 Hrs	24 Hrs	12 Hrs
35°C	6 Hrs	12 Hrs	8 Hrs
45°C	3 Hrs	8 Hrs	8 Hrs

Mixing Ratio

3 parts Base to 1-part Hardener (by Volume)

Application Conditions

Do not apply this product if the Relative Humidity exceeds 85% or if the substrate temperature is within 3°C of the dew point

Additional Information

Flash point	Not Applicable
Packaging	5 liter
Shelf life	12 months from the

	date of manufacture
Cleaning solvent	Solvalux 7-45
Storage instruction	Store in a cool shaded dry area

Product use restrictions

- As is common with epoxies this product will chalk on exposure to direct sunlight.
- The pot life of this material is 1 hour at 25 °C and will be shorter at higher temperature.

Safety Precautions

Avoid contact with the skin and eyes. Wear suitable protective clothing such as overalls, goggles. Use a barrier cream.
Ensure that there is adequate ventilation in the area where the product is being applied. Do no breathe vapour or spray.
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.

Refer MSDS for detailed health & safety information on this product.
Eyes: in the event of accidental splashed, flush eyes immediately with warm water and obtain medical advice
Skin: wash skin thoroughly with soap and water, or with an approved industrial cleaner. Do no use solvents.
Inhalation: move patient to fresh air, loosen collar and keep rested.
Ingestion: do not induce vomiting, obtain immediate medical attention
For detailed handling & storage information refer to MSDS

Note: The information supplied in our literature or given by our employees is based on extensive experience and, together with that supplied by our agents or distributors, is given in good faith to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however, as we have no control over site conditions or the execution of work, we accept no liability for any loss or damage which may arise as a result thereof.

Version No. V01/23. Please note that this datasheet supersedes all previous versions
UAE

For enquiries, feedback and complaints please contact or write to us at

Oman	:	800-01790	weassure.oman@asianpaints.com
U.A.E	:	800-27237437	weassure.uae@asianpaints.com
Bahrain	:	800-08098	weassure.bahrain@asianpaints.com
Qatar	:	+974-44693489	weassure.qatar@asianpaints.com

www.asianpaintsarabia.com
asianpaintsarabia