

**BERGER**

PRODUCT SPECIFICATIONS

APCOFLOR 1000

Solvent Free Epoxy sealer

PRODUCT DESCRIPTION

A two-component solvent-free epoxy clear sealer that has been specially designed for use on concrete floor.

- Outstanding compressive, flexural and impact strength.
- Fast curing. Allows foot traffic within 24 hours and heavy traffic within 3 days.
- Excellent wetting and penetrating properties to concrete.
- Environment friendly, non-toxic, zero VOC coating. Suitable for use in the food industry.

DESIGN USE

- Sealer for flooring. Also can be used as a penetrating primer / sealer for other concrete surfaces.

PHYSICAL DATA

VOLUME SOLIDS	100%
APPLICATION THICKNESS	50 – 100 µm (for concrete primer applications)
THEORETICAL COVERAGE	10.0 m ² /litre @ 100 µm dft (for concrete primer applications)
NO. OF COMPONENTS	Two
MIX RATIO	2 Parts Base : 1.0 Part Hardener (by volume) 2.2 kg Base : 1.0 kg Hardener (by weight)
MIX RATIO OF AGGREGATES	5 – 10 kg per litre of mixed resin (7 kg recommended)
POT LIFE @ 25°C	40 minutes
STANDARD PACKING SIZE	20 Litre & 22 kg set

APPLICATION METHOD

Pour the contents of the Hardener into the Base component and mix thoroughly. Once mixed, apply using a roller or brush. As the pot life of this product is only 40 minutes, once mixed, this product should be applied within 30 minutes

DRYING TIME

Ambient Temperature	Hard Dry Time	Minimum time to commence		Overcoating Interval	
		Foot Traffic	Vehicle Traffic	Minimum	Maximum
15 °C	12 hours	36 hours	4 days	12 hours	4 days
25 °C	8 hours	24 Hours	3 days	8 hours	3 days
35 °C	6 hours	16 hours	3 days	6 hours	3 days

ADDITIONAL INFORMATION

Thinner	Not required.
Cleaning Solvent	Solvalux 7-77
Flash Point	55°C (Base), 130°C (Hardener)
Storage Requirements	Store in a cool, dry area away from direct sunlight.



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SURFACE PREPARATION

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

- ☐ New concrete should be left for 28 days to cure before coating.
- ☐ For mortar screed applications, the concrete should be prepared by shot/grit blasting or scrubbling to provide for a rough surface profile.
- ☐ Blowholes and other defects in the concrete should be filled with suitable solvent less epoxy filler.
- ☐ The surface to be coated should be sound, dry and free from all foreign matter such as dirt, dust, oil and grease.
- ☐ Before application of mortar screed coat, apply a coat of Apcoflor 1000 primer and allow to set for 1-2 hours. While still wet, apply the mortar screed.

PRODUCT USE RESTRICTIONS

- This product is not suitable for application at temperatures below 8°C.
- If coloured finishing is required, use only solvent-free coatings. If overcoated with solvent based material, delamination may occur.

SAFETY PRECAUTIONS

Avoid contact with eyes and skin. Wear suitable protective clothing such as overalls, gloves and goggles. Use a dust mask if applying by spray.

Ensure that there is adequate ventilation in the area where the product is being applied. Do not 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.

FIRST AID

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| 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)**

DISCLAIMER

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.