

Megapoxy 154

WATER BORNE EPOXY

Description

MEGAPOXY 154 is an equal two-part water borne epoxy system. It offers excellent adhesion, is easily mixed, is pourable, and cures to a tough impervious film. It also has the advantage of water clean-up.

Typical Uses

- ⊕ Floor sealing
- ⊕ Water-based primer
- ⊕ Water-proofing concrete and masonry (negative or positive side)
- ⊕ Curing agent
- ⊕ Bonding agent for mortars
- ⊕ As a binding agent for mortars and grouts for waterproofing and chemical resistance

Features

- ⊕ Simple 1:1 mix ratio
- ⊕ Mixes easily
- ⊕ High bond strength
- ⊕ Adheres and cures under damp conditions
- ⊕ Good chemical resistance
- ⊕ Can be diluted with water, or thickened with cement
- ⊕ Solvent free
- ⊕ Water clean-up
- ⊕ Can be over-coated with almost any finishing paint

Packaging

20 litre kit. Part A- 10 litres, Part B- 10 litres.

Technical Data

Product as supplied

- ⊕ Part A epoxy resin - white liquid
- ⊕ Part B formulated hardener - beige liquid

Mix Ratio

1 parts A to 1 part B by Volume

Cured Properties

- ⊕ Density approx.: 1.0 kg per litre
- ⊕ Maximum Operating Temperature: 70°C

Application Notes - General

Preparation

Good adhesion can only be achieved if proper pretreatment of surfaces to be bonded is carried out. With the exception of concrete, surfaces should be degreased, grit blasted or mechanically abraded and degreased again. Wire brushing is not adequate and will produce only minimal adhesion. Metals should be primed with a 2-part epoxy resin primer before application of Megapoxy 154.

Preparation – Concrete

The surface must be free of grease, oil and other contaminants. If necessary, clean with industrial grade degreasing agent. Once clean, step must be taken to remove laitance, this is best achieved by grit blasting, however mechanical abrasion and acid etching are alternatives.

Mixing and Placement

Pour contents of Part B into Part A and mix thoroughly for 3-5 minutes with a power mixer or flat stirrer by hand. Ensure all material around the bottom and sides of the container is incorporated. Do not aerate mix. Add fillers or water as required and mix thoroughly. For best protection, apply two coats. For coating dense surfaces, add 1 part water to 3 parts mixed Megapoxy 154. Pour into a shallow tray for application by brush, roller or spray. Do not apply at temperatures below 10°C.

For waterproofing applications it is essential to apply 2 coats at a minimum rate of 0.25 litres per square metre.

Working Time (Pot Life)

60 minutes at 25°C

Cure Time

24 hours at 25°C

Cleaning

Spillage and excess should be cleaned up as soon as possible. Uncured Megapoxy 154 can be removed using warm soapy water. Once the product has cured only severe heat or prolonged immersion in a powerful solvent will break it down.

Limitations

Megapoxy 154 is not UV resistant.

Storage

MEGAPOXY 154 has a shelf life exceeding one year sealed in the original containers and stowed in a dry environment at 15⁰C to 20⁰C.

Safety Precautions

Avoid contact with uncured product at all times. Use protective clothing including safety glasses and apply a barrier cream to skin areas that could be exposed. Refer to Material Safety Data Sheets for further information.

First Aid

If swallowed, DO NOT induce vomiting, give a glass of water and contact a Doctor or the Poisons Information Centre. If in eyes, hold eyes open and flood with copious amounts of clean water for at least 15 minutes and contact a Doctor. If skin contact occurs, remove contaminated clothes and wash skin with soap and warm water. If allergic response (irritation, wheezing, etc.) occurs seek medical advice. Refer to Material Safety Data Sheets for further information.

NOTE

As conditions may vary considerably in consuming industries, buyers and users must assess this product's performance for their own requirements.

Manufactured by
Vivacity Engineering Pty. Ltd.
A.C.N. 001 666 557
3 Sefton Road Thornleigh NSW 2120
Phone: (02) 875 3044
QUALITY ASSURANCE TO AS 3902
NATA Accreditation. Reg. N⁰. 6219



Distributed by:

Permotech

Phone (08) 9303 4655

Fax (08) 9303 4677

U1/4 Achievement Way
Wangara WA 6065