

A TWO COMPONENT, SOLVENT FREE EPOXY COATING FOR INDUSTRIAL FLOORING

KEY BENEFIT SUMMARY

- Excellent wear and acid resistance
- Low odour
- Can be applied onto both horizontal and vertical substrates
- Easy to clean
- Easy application
- Decorative colours

PRODUCT INFORMATION

Description

Monepox[®] 110 is a predosed two component liquid epoxy coating.

A component:

pigmented and formulated epoxy resin, type Bisfenol A

B component:

cyclo aliphatic polyamine adduct hardener

Usage

To provide an excellent wear and acid resistance protective coating for concrete floors and metal supports; for horizontal and vertical applications.

As a dustbinder for concrete decks.

As a coating for the protection of retention areas.

Packaging

Prepacked units of 15 kg to facilitate mixing.

Colour: available in different RAL colours.

TECHNICAL INFORMATION

Mixing ratio A/B:	4.8 / 1 by weight (standard colours)
Mixing ratio A/B:	5 / 1 by weight (white colours)
Pot life at 20°C:	± 30 min.
Specific weight:	1.5 – 1.7 kg/dm ³
Curing at +20°C and 60% RH After 24 hours: After 4 days: After 7 days:	Foot traffic Mechanical loading Chemically cured
Maximum service temperature:	60°C
Electrical resistance:	5.10 ¹³ Ω
Application temperature:	Between +15°C and 25°C
Adhesion to concrete:	> 2 N/mm ²

Chemical resistance

Chemical resistance after 7 days curing: Monepox[®] 110 is resistant to diluted acids, alkalis, salts, oils and fats, carburants, aggressive gases and marine air.

USAGE GUIDELINES

Surface preparation

Proper substrate preparation is essential to a successful installation. The concrete substrate must be firm, dry and free from dust, oil and fats. It must be shotblasted and the moisture content in the concrete must be lower than 6%. New concrete must have a minimum age of 28 days. It is necessary that the prepared substrate has an open porous structure for a good penetration of the first layer of Monepox[®] 110.

Mixing

Mix the premeasured quantities of component A and B until a homogeneous mass is obtained. Pot life is 30 minutes at a temperature of 20°C.

Application

Apply with a roller.

Obtaining an antiskid surface is possible by broadcasting in the first layer dry sand or carborandum.



Consumption

First layer: ± 300 gr/m²

Second layer: $\pm 200 - 300$ gr/m².

Cleaning

Clean tools with solvent immediately after application.

STORAGE

Store in closed containers and in dry conditions at temperatures between +15°C and +25°C.

SHELF LIFE

In unopened packaging: 1 year.

HEALTH AND SAFETY PRECAUTIONS

Product- and Safety Data Sheets must be read and understood.

Suitable protective clothing, gloves and eye/face protection must be worn during mixing and application of the products. Monepox[®] 110 contains epoxy resin and polyamine hardeners. It can be irritating to eyes and skin (component A) and causes burns (component B). May cause sensitization by skin contact. Use only in well ventilated areas.

For further information see the Material Safety Data Sheets of the individual components.

TECHNICAL SERVICE

Contact RPM/Belgium N.V. / Alteco Technik GmbH / Hermeta GmbH.

GUARANTEE

The RPM Belgium Group warrants all goods to be free from defects and will replace materials proven to be defective but makes no warranty as to appearance of colour.

The information and recommendations herein are believed by the RPM Belgium Group to be accurate and reliable.