

BMA PUTTYPOXY

Code: *BMA-PUE*

Code of its hardener: *BMA-HPE850*

Color: *Grey*

PROPERTIES

BMA Puttypoxy is a two – component multi-purpose epoxy putty formulated to fill crevices, to smooth the surface and to provide a permanent, hard, waterproof bond on concrete. Aside from having good adhesion and standability BMA Puttypoxy is flexible and easy to apply. It can resist heat, water, oil, humid areas and other environments.

RECOMMENDED USES

BMA Puttypoxy is used for:

- ✓ Exterior and interior concrete
- ✓ Gypsum wallboards
- ✓ Plaster

PERFORMANCE BENEFITS

- ✓ Excellent filling properties
- ✓ Flaking prevention
- ✓ Good adhesion
- ✓ Good standability and flexibility
- ✓ Resistance to cracking and mechanical stress
- ✓ Heat resistant and is resistant to water, chemicals, solvents, oils, greases

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Data corresponding to **BMA Puttypoxy** cross-linked with its hardener **BMA-HPE850**

Tests	Norms	Results
Total solids, by weight	ASTM D2369	99%

Specific gravity (g/cm ³)	ASTM D1475	1.74
Spreading rate at 250 µm DFT ⁽¹⁾	-	4 m ² /L
Hardener Code	-	BMA-HPE850
Hardener Percentage	-	50%
Induction Time	-	15 minutes
Pot Life	-	2 hours

¹⁾DFT: Dry Film Thickness

APPLICATIONS GUIDE

Surface Preparation

Before applying BMA Puttypoxy, all necessary pretreatment must be done. Surface should be clean, dry and free of all contaminants (oils, agents, dust, dirt, etc...) in order to avoid the risk of surface failing.

Concrete surface:

Concrete substrate must be well prepared in order to avoid any coating defects.

For new surface, ensure that concrete is completely cured at least 30 days.

For both fresh and old concrete, decontamination is required to remove any dust, oil, grease, laitance, fatty acids or any additional contaminants. Acid etching is recommended using Eksen Kimya Hydrochloric Acid Solution. Decontamination could be also done using detergent scrubbing, low pressure water cleaning, or steam.

Mixing

Mix thoroughly 50% by volume of the hardener BMA-HPE850 with BMA Puttypoxy. Leave the mixture for 15 minutes to allow a complete chemical reaction between the components. Apply the mixture within its pot lifetime (2 hours) at ambient temperature.

Application

BMA Puttypoxy should be applied on a well cleaned, dried and free from contaminations surface in a well-ventilated area. The temperature should be between 5 and 35°C and the humidity not more than 85%.

Spread BMA Puttypoxy evenly on the surface using a flexible steel or plastic blade or spatula repeatedly in overlapping strokes.

Drying Time

Surface Dry to touch: 2 hours

Dry to overcoat: 24 hours

AVAILABLE PACKAGING

Gal Kit = 4L + 2L; Pail Kit = 20L + 10L

SHELF LIFE

BMA Puttypoxy should be stored in unopened and undamaged containers in a well-ventilated area where the temperature varies between 5°C and 35°C away from direct exposure to sunlight, to heat and to freezing conditions.

Under these conditions, the shelf life of BMA Puttypoxy will be 1 year. After this period, the filler quality will be subjected to re-inspection.

HEALTH & SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for complete information on Hazards Identification, First-Aid and Fire-Fighting Measures, Accidental Release Measures, Handling and Storage, Exposure Control and Personal Protection, Stability and Reactivity, Toxicological Information, and Transport Information.

QUALITY ASSURANCE

BMA Commercial & Industrial s.a.l is a holder of the ISO 9001:2015 and ISO 45001:2018 certificates, which guarantees that all operations are conducted in compliance with International Standards.

TDS.152 - Edition #: 2

IMPORTANT: The statements, technical information and recommendations contained herein are believed to be accurate. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, BMA

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