

EPOX PR 200

Epoxy Based, Two Component, Solvent Free Primer with Fillers

Description

EPOX PR 200 is an epoxy based, two component and solvent-free primer with fillers.

Fields of Application

- To prime concrete, asphalt, metal, epoxy, polyurethane based substrate before the application,
- To prime exterior asphalt and floors before polyurethane based coating,
- Used as an adhesion promoter primer before cement based material application on old concrete,
- Used for filling the cracks on the concrete.

Features and Benefits

- Fills the cracks simply.
- Helps to adhesion of topcoat on to the substrate.
- Solvent free.

Technical Data

Content	Epoxy resin	
Mixture Density	1,40 – 1,50 (g/cm ³ , 23°C)	(DIN EN ISO 2811-1)
Mixture Viscosity	1000 – 1200 (mPas, 23°C)	
Mixture Rate	A/B 86/14 (by weight)	
Pot Life	30-40 minutes /23°C, 200 g.	(DIN 16945)
Curing Time		
<i>Dust free drying</i>	<i>3-4 hours (at 23°C)</i>	
<i>Touch dry</i>	<i>8-10 hours (at 23°C)</i>	
<i>Full curing</i>	<i>7 days (at 23°C)</i>	
Chemical Resistance		
<i>sulfuric acid (H₂SO₄) %10</i>	<i>3-2</i>	
<i>sulfuric acid (H₂SO₄) %20</i>	<i>3-2</i>	
<i>hydrochloric acid (HCL) %10</i>	<i>3-2</i>	
<i>hydrochloric acid (HCL) %20</i>	<i>3-2</i>	
<i>nitric acid (HNO₃) %10</i>	<i>3-2</i>	

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<i>nitric acid (HNO₃) %20</i>	3-2
<i>Acetic Acid (CH₃COOH) %10</i>	3-2
<i>Acetic Acid (CH₃COOH) %20</i>	2
<i>Lactic Asit (CH₃CHOH-COOH)%10</i>	2
<i>Lactic Asit (CH₃CHOH-COOH)%20</i>	2-1
<i>Formic Acid (HCOOH) %10</i>	2
<i>Formic Acid (HCOOH) %20</i>	2-1
<i>Xylene</i>	2
<i>Ethanol</i>	2
<i>Solvent Nafta</i>	2
<i>Chromic Acid (H₂CRO₄) 10%</i>	2
<i>Sodium Hydroxide (NaOH)</i>	3
<i>(3*highly strength , 2*durable, 1*weak)</i>	
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Application Procedure

Preparation of Substrate

The application surface must be sound, fully cured, dry, clean and clean off all contaminant, rust, oil, dust etc.

Application Method

Component A and B should be mixed by low speed mixture for 3-4 minutes till homogenous mixture is obtained. Mixture should be applied on the surface by using a trowel or roller. According to application surface, one or second coats can be applied. Second coat must be applied before first coat is not fully cured.

Consumption

0,200 – 0,600 kg/m² for each layer.

Packaging

21,5 kg component A + 3,5 kg component B = 25 kg set

Shelf Life

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12 months in original, unopened package.

Storage

Store in dry area between +10°C and +30°C. Protect from heat, freezing and direct sunlight.

Cleanup Information

Clean tools and equipment with thinner immediately after use. Dried material can only be removed mechanically.

Cautions / Limitations

- It may be harmful with skin contact.
- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.
- Do not use when air and surface temperatures are below +10°C and above+30°C.

Health and Safety

Warning! Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

Limited Warranty: This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.