

EPOCOL 110

Epoxy-Coal Tar and Solvent Based Coating

Description

EPOCOL 110 is an epoxy-coal tar and solvent based, two component, low viscosity coating and waterproofing material.

Fields of Application

EPOCOL 110 has been specifically developed for coating and waterproofing on concrete, metal, wood and likely materials. It is used in protecting indoor and outdoor surfaces at waste water, outdoor surfaces at clean water facilities, all kind of underground facilities such as canal, foundation and pipeline.

Features and Benefits

- Fills the pore of the application substrates such as concrete, metal etc.
- Provides excellent adhesion to top layer polyurethane system.
- Resistance to mechanical influences, water and chemicals.
- Easy to mix and apply.
- After curing time being a sound and hard paint.
- Excellent adhesion to common surfaces like steel, concrete, stone, artificial stone, wood, etc.
- Adhesion does not deteriorate if product submersed in water, sea water, sewage and oils.

Technical Data

Content	Component A : Epoxy Resin Component B : Hardener
Color	Black
Density	1,35 g/cm ³
Mixing	10 unit component A : 1 unit component B
Solid Content	94,5%
Application Temperature	+10°C to +35°C
Pot Life	60 minutes
Drying Time	
<i>Touch drying</i>	4-6 hours
<i>Pedestrian traffic</i>	24 hours
<i>Full curing</i>	7 days

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HS Code	3214.90.00.00.19
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Application Procedure

Preparation of Substrate

The surface must be dry, sound, moisture free and clear of materials which prevent bonding, such as dust, oil, paint, silicone, curing agents and detergents. Loose materials on the surface must be removed; cracks on surface must be repaired. Humidity must be max %4. Smooth surfaces should be roughened.

Application Method

Part A should be mixed on its package with low speed electrical stirrer during 1 minute until get a homogenous state. Part B is added on Part A, mixture is stirred 3 minutes until get a homogenous mixture. Application should be done with roll, brush or spray. Mixture pot time changes according to weather conditions. This time is nearly 60 minutes, but the time can be reduce in hot weather, can be increase in cold weather. Applied surface should be protected from water, rain, freeze.

Consumption

0,300 – 0,450 kg/m² for each layer.

Packaging

A + B components = 11 kg set

Shelf Life

12 months in original, unopened package.

Storage

Store in dry area between +5°C and +35°C. Protect from heat, freezing and direct sunlight.

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Cleanup Information

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

Cautions / Limitations

- Flammable material. Do not smoke, fire and use sparking potential tool during the application.
- 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.
- Avoid heavy traffic for 24 hours.

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.