

HYBRID 115

Hybrid Polymer Based, One Component, Transparent Waterproofing Material

Description

HYBRID 115 is a hybrid-polymer based, applicable from negative and positive directions, one component, transparent solvent free waterproofing material. HYBRID 115 is a UV resistance, crack bridging property coating material that can be applied even wet surfaces, without primer.

Fields of Application

- Can be applied on wide variety of surfaces such as concrete, metal, ceramic, aluminum, wood, granite, bituminous, asphalt based surface etc.
- On terrace and balconies that exposed on heavy pedestrian traffic.
- On interior and exterior surface of basement.
- For repairing surface cracks up to 5 mm.
- Under ceramic waterproofing
- On concealed gutters

Features and Benefits

- No need to primer application.
- Fast cured.
- Protects its performance even at low temperature.
- Has high UV and chemical resistance.
- Has high acid and base resistance.
- Can be applied on wet surfaces.

Technical Data

Content	Hybrid Polymer
Color	Transparent
Density	1,10 g/cm ³
Viscosity	900-1500 cPas
Elongation at Break	%100 (BS 2782-3)
Tensile Strength	5 N/mm ² (DIN 53504)
Shore A Hardness	83 (DIN 53505)
Elasticity at Thermal Changes	-40°C - +80°C
Water Vapor Permeability	1 m

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Crack Bridging	2 mm
Water Absorption	<1%
Film Formation Time	45 minutes
Curing Time	24 hours
Full Curing	7 days
HS Code	

Application Procedure

Preparation of Substrate

Surface must be clean off materials which prevent adhesion such as dust, oil etc. Application surface must be sound and surface defects must be repaired. Smooth, gloss or/and nonabsorbent surfaces must be roughened. On ceramic surface application, material adhesion performance must be checked on surface before the application, the sound of joint material must be checked and if needed they must be repaired. Wall floor joints must be chambered.

Application Method

Material is ready to used. Application is done with using brush, roller or airless spray gun at least two coats. Second coat must be applied perpendicularly after 12-24 hours later (be walkable on) on first coat.

Consumption

For concrete 1,0 kg/m²/mm

For ceramic 1,5 kg/m²/mm

For metal 1,0 kg/m²/mm

Packaging

1 kg plastic bucket

4,5 kg plastic bucket

Shelf Life

12 months in original, unopened package.

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Storage

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

Cleanup Information

Clean tools and equipment with detergent warm water 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 +5°C and above+35°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.