

HYBRID 120

Hybrid-Polymer Based, One Component, Waterproofing Material

Description

HYBRID 120 is a hybrid-polymer based, one component, solvent free waterproofing material. HYBRID 120 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 light pedestrian traffic.
- On canal and canalette, cold weather tanks and dilatations.

Features and Benefits

- No need to primer application.
- Can be applied on wet surfaces.
- Fast cured.
- Has high adhesion property.
- Has crack bridging property.
- Due to the elastic behavior, does not occur any cracks on application surfaces.
- Protects its performance even at low temperature.
- Has high UV and chemical resistance.
- Can be walkable on it 24 hours after curing.

Technical Data

Content	Hybrid Polymer
Color	Grey
Density	1,40 g/cm ³
Viscosity	7000 cPas
Solid Amount	100%
Elongation at Break	%300 (BS 2782-3)
Tensile Strength	1,1 N/mm ² (DIN 53504)
Shore A Hardness	40 (DIN 53505)
Thermal Resistance	-40°C - +80°C

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Water Vapor Resistance	6 bars (for 3 mm thickness at 24 hours)
Crack Bridging	3 mm
Tear Resistance	6,2 N/mm
Application Temperature	between +5°C to +35°C
Film Formation Time	45 minutes
Curing Time	3 hours
HS Code	3208.90.91.00.23

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.

Application Method

Material is ready to used. Application is done with using brush, roller or airless spray gun at least two coats. Recommended that total thickness is 2 mm for 2 coats application.

Consumption

1,5 kg/m²/mm

Packaging

20 kg metal pail

Shelf Life

12 months in original, unopened package.

Storage

Store in dry area between +5°C and +30°C. Protect from heat, freezing and direct sunlight.

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Cleanup Information

Clean tools and equipment must be cleaned with industrial type solvent 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.

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System 2+

Hibrit-Polimer Esaslı, Tek Komponentli Su Yalıtım Malzemesi
Sistem 2+

Abrasion Resistance Aşınma Direnci	2125 mg
Carbondioxide permeability Karbondioksit geçirgenliği	$S_D = 50,02 \text{ m}$
Water-vapour permeability Su buharı geçirgenliği	1,87 m Class I
Liquid-water permeability Kapiler su emme ve su geçirgenliği	$0,006 \text{ kg/m}^2 \cdot \text{h}^{0.5}$
Measurements of bond strength by pull-off Çekip koparma deneyi yoluyla yapışma dayanımı	$0,6 \text{ N/mm}^2$