

DESCRIPTION

BAYPROOF 3151 T® cold applied Single component semi-gloss Non-yellowing Moisture cure Clear and Transparent waterproofing and protective coating liquid membrane. Highly suitable for Highly absorbent tiles and tiles which yellow when subject to water base sealants, in which upon application will directly react and fast dry to prevent any migration of moist or water to the tile surface.

Uses

BAYPROOF 3151 T® is suitable for:

- 5 dimensional Natural Stone, Granite, Marble & Sand Stone proofing
- Backside Ceramic, Mosaic & Porcelain Waterproofing
- Limestone, Natural and Agglomerate stone

ADVANTAGES

- Flexible
- Prime-less
- Excellent UV Resistance
- Hard wearing
- Crack bridging >2mm
- Seamless
- Low VOC

COMPLIANCE

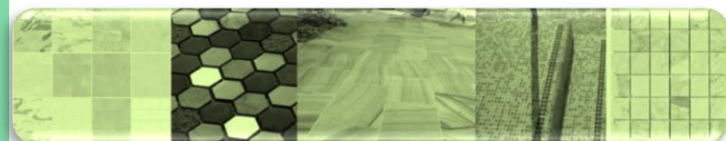
Complies with ASTM D-412, DIN 52455, ASTM D 4541, ANSI 118.4, ANSI 118.7 & ANSI 118.11

MATERIAL DATA

Type	Polyurethane Resin
Form	Clear and Transparent
Packing	1, 3.5 & 15 kg Pack
Storage Condition	24 month in unopened packaging & Shaded

TECHNICAL DATA

Property	Value	Test Method
Solid Content	30%	ASTM D 1353
Density	0.90 ±0.05	ASTM D 1475
Tensile Strength	>20 ± 3 N/mm ²	ASTM D 412
Shore Hardness D	>55	ASTM D 2240
Elongation at Break	>100	ASTM D 412
QUV Test	Passed 2000 hours	ASTM G 53
Resistance to Bacteria	No Attack	ASTM D 4299
Resistant to Algae	No Attack	ASTM G 29
Water Vapor Transmission	<0.35 gm/m ² /day	ASTM E 96
Service Temperature	-20 to 75 °C	-



Important Notice:

The above data is based on our experience and extensive laboratory tests. It may be considered to be a general advice only and cannot be granted to meet the requirements for all the intended uses. It is the responsibility of the end user to ensure that the product is suitable for the purpose for which he wishes to use it. In view of many varying factors that are encountered during the application of the product it does not exclude the end users from not conducting their own test before actually using the product. We are thus only responsible for the quality of the product itself and not responsible for its performance, nor would we accept any liability whatsoever or howsoever arising from the use of this product. Any such matters should be specifically agreed to in writing by us. Bayshield reserves the right to modify the contents of the data sheet from time to time without notice as a system requirement in updating our products from time to time.

Surface Preparation

Substrate should be sound, clean and free from dirt, dust, laitance and all loosely adhering particles..

Natural Stone, Granite, Marble & Sand Stone: the 5 dimensional surfaces should be sanded using a light sand paper or by light disc grinding machine.

Application

Tile Protection: Bayproof PU 3151 T® can be applied in 1 or 2 coats over the 5 dimensional sides of the (Natural Stone, Granite, Marble, ceramic, Porcelain & Sand Stone) and allow for 24 -48 hours curing period prior to installation. Don't apply as a toping on glazed surfaces to avoid potential peeling.

Important Note: The coated (Natural Stone, Granite, Marble, ceramic, Porcelain & Sand Stone) once cured should not be tiled Vertically (walls) without the support of a Mechanically fixed support to avoid debonding.

Method of application:

- ☐ Apply 1 coat of BAYPROOF 3151 T@ 0.1 mm
- ☐ Optional: Apply 1 layer reinforcement sheet
- ☐ Apply final Coat BAYPROOF 3151 T@ 0.1 mm

Note: if Reinforcement is not required, **BAYPROOF 3151 T®** can be applied in 1 coat at 0.2mm DFT

THINNING

Ready to Use, don't Apply any thinning solvent

THEORETICAL SPREADING RATE

0.1-0.2 ltr/m²

Recoat: 1-2 hours depending on the weather conditions

CURING

1-2 hours touch dry

24 hours for Water testing

24-36 hours full curing from the date of final application

PROTECTION MEASURES

BAYPROOF 3151 T® is Solvent base and there is risk of cauterization in the event of contact with the eyes; will lead to dehydration and thereof irritation in case of contact with skin. So while mixing and applying the product, protect with safety goggles and protective gloves

- Splashes to skin must be washed off with water and Soap
- Splashes to the eyes must be rinsed with clean warm water. Seeking medical attention is highly recommended and mandatory

