



TESONPROOF 1-P POLYURETHANE LIQUID MEMBRANE (TW-171)

Description: TESONPROOF is one part, water-based, breathable, easy to apply polyurethane based waterproofing coating membrane. It will perform > 700 % elongation and produce seamless, elastic, crack bridging membrane after cure. It can apply to damp surface with good adhesion to concrete, asphalt, PU substrate. Roller, brush, trowel or broom application is recommended. The coverage will be 13-15 m² per 20 kg pail.

Application

- Rooftop
- Wet Area
- Planter Box
- Basement
- Swimming Pool
- Masonry Wall
- Area Need Waterproofing Prior To Tiling



Feature / Benefit

- Highly Elastic
- Fast Cure
- Excellent Adhesion
- Outstanding Crack Bridging
- Seamless, Waterproofing
- Non Re-Emulsifying

Application Reference



Roller Application



Rooftop Application



Wall Before Tiling

Product Range

PRODUCT CODE	PACKING SIZE	PACKING FORM	COLOUR
TW-171/20K	20KG	Pail	Coffee Brown
TW-171/5K	5KG	Pail	Coffee Brown



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TESONPROOF

TESONPROOF is one part, water-based, breathable, easy to apply polyurethane based waterproofing coating membrane. It will perform > 700 % elongation and produce seamless, elastic, crack bridging membrane after cure. It can apply to damp surface with good adhesion to concrete, asphalt, PU substrate. Roller, brush, trowel, or broom application is recommended, The coverage will be 13-15 m² per 20 kg pail.

FEATURE:

- Directly apply from container.
- Breathable material and can be applied to damp surfaces.
- Has particularly good adhesion with cement so can be used directly as a soft-base for tile-laying.
- Can be subjected to long periods of immersion in water without bubbling.
- Has good adhesion with asphalt and PU so these do not have to be stripped out but can be simply painted over.
- After TESONPROOF had dried, the surface can be coated on with other waterproofing coating, thermal insulation and protection.

APPLICATION:

- Rooftops
- Bathrooms, Kitchen
- Planter boxes
- Basement
- External walls
- Courtyard gardens
- Area need waterproofing prior to tiling

PROPERTIES:

- Solid content: 70%
- Compact Resistance : 4 Mpa
- Elongation (ASTM D 2370) : > 750%
- Tensile Strength : Approx 15 Kgf / sq-cm
- Curing time: Approximately 24 hours

COLOR:

- Deep coffee brown

COVERAGE:

- 13 ~15 m² / 20 kg pail (membrane thickness: 1 ~1.5mm)

APPLICATION REFERENCE



Roller Application



Roof Top



Wall Before Tiling

TOOL:

- Brush, Roller, Broom, Trowel

APPLICATION INSTRUCTION:

- Clean the free lime, cement residuals and other contaminants from the substrate.
- Apply second coat about 4-8 hours after the first coat subject to weather condition.
- For weak points such as cracks and joints, dilute TESONPROOF to 5% as primer and apply together with fiberglass mesh as reinforcement & then apply another neat coat. The standard coverage : 0.2 to 0.3 kg/m²
- Thoroughly apply as primer on damp working surface for good penetration. Standard coverage: 0.2 to 0.3 kg/m².
- Once primer become dry (about 15 ~30 minutes, not sticky while walking), then apply 1 ~2 layers of TESONPROOF. Total consumption: 1.5 kg/m².
- The coated area need to protect and avoid damage before fully cure. The optimum performance should be allowed to cure for 24 hours prior to apply of finishing concrete or laying of tile.

STORAGE/PACKAGE

- Stored in dry and cool environment for up to 12 months
- Storage temperature : 5 to 30 degree C
- Protect against moisture and direct sunlight
- Non flammable

PACKAGING

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NOTE:

If rooftop has serious powdery problem, it's recommended to apply 1~2 layers of TESONLATEX as bonding slurry to overcome powdery problem first. The substrate must remain dry all the time.

LIMITED WARRANTY:

Sellers and manufacturers only obligation shall be replacement of such quantity of product proved to be defective. All advice given herewith is to the best of knowledge, true and accurate. All recommendations or suggestions are made without guarantee. Since the conditions of use are beyond our control, the seller or manufacturer shall not be liable for any injuries, loss or damage, direct or consequential arising from the use of or the failure of the product. Before using, user shall determine the suitability of the product for his intended use and user assumes all risk and liability.