



TESON α - HYBRID WATERPROOFING MEMBRANE (TMS-100)

Description:

Teson α -Hybrid Waterproofing Membrane TMS-100 is a solvent, water and bitumen-free non-slump fast setting waterproofing membrane. After cured completely, it will be impermeable to water and has crack-bridging up to maximum 5 mm.

Applications:

- Flat roof
- Balcony
- Interior and exterior basement walls
- Moisture barrier under floor screed
- Under tile waterproofing
- Waterproofing of crack on roof and wall
- Can apply underwater
- Water ponding test : Passed
- Indoor and outdoor connection, dome light, gutter and etc



Advantages:

- One-component system, no mixing
- Solvent and NCO free
- 30 minutes rain resistance
- Readily applied with roller or brush
- Short drying time provides fast working
- Excellent adhesion to many substrate without primer
- No shrinkage

Product References:



Homogeneous Process



Reliable Performance

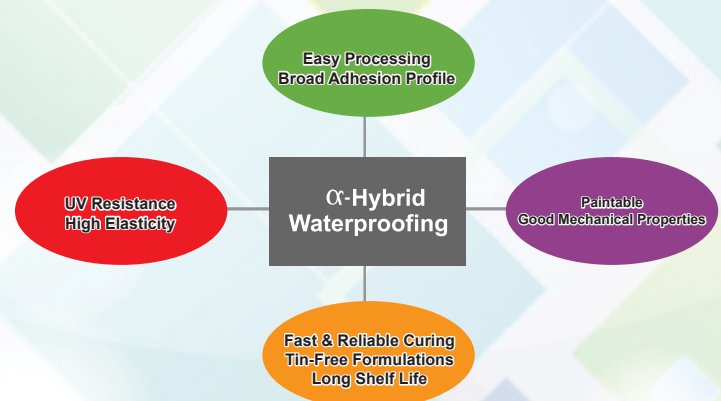


Basement to Roof

Properties:

- Chemical Base : Alpha Hybrid Polymer
- Specific Gravity : 1.5
- Solid Content : > 90%
- Tack Free Time : \pm 30 minutes
- Curing Time : 24 hours
- Paintability : Yes
- Water Ponding Test : Passed
- Hardness : 45 (Shore A)
- Weatherability : Excellent
- Elongation : > 300%
- Tensile Strength : >1.5N/mm²

Performance References:



Product Range:

PRODUCT CODE	PACKING SIZE	PACKING FORM	COLOUR
TMS-100/WH/20K TMS-100/GR/20K	20kg	Pail	White/Grey
TMS-100/WH/4K TMS-100/GR/4K	4kg	Can	White/Grey
TMS-100/WH/1K+D TMS-100/GR/1K+D	1kg+75g	Box	White/Grey
TMS-100-D/300G	300g	Can	Clear
TMS-100-D/75	75g	Can	Clear



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APPLICATION INSTRUCTIONS:

- The substrate must be solid, stable without any lump of cavities, gap crack and free from oil and grease.
- Do not apply TMS-100 when temperature of the structure is below 5°C.
- TMS-100 is directly poured out of the aluminium foil bag onto the substrate and spreaded out with notched trowel, roller (short-haired) or broad brush.
- It should evenly apply in two layers over the whole substrate area.
- Approximately 1.5kg/m² of layer thickness, allow the second coat when the first coat remain tacky.
- Reinforcement fabric should press into the first coat of TMS-100 over the whole area.
- Remove cured residues using a spatula or small tool.
- The thixotropic TMS-100 is used for sealing vertical surface. Eg: Basement retaining wall made of masonry, concrete and impermeable concrete.
- TMS-100 is used for sealing large horizontal surface such as foundation, floor plate, balcony and terrace under screeds in combination with tiles.
- TMS-100 is suitable for filling settlement and expansion joints in the commercial and industrial area.
- Do not apply TMS-100 when skin over observed. Dilute with TMS-100-D Diluent at 20:1 ratio before apply to ensure desire adhesion obtain.
- Porous substrate priming may require at mixing ratio 1:1 between TMS-100 and TMS-100-D Diluent, or proprietary primer supply by Teson.

LIMITED WARRANTY:

Seller and manufacturers only obligation shall be replacement of such quantity of product proved to be defective. All advices given herewith is to be the best of knowledge, true and accurate. All recommendations or suggestions are made without guarantee. Since the condition 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.

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TMS-100-D/300G	300g	Can	Clear
TMS-100-D/75	75g	Can	Clear

STORAGE & SHELF LIFE:

- Do not store TMS-100 directly under the sunlight and also where it is likely to freeze.
- Not suitable to store for more than one year.

COVERAGE:

1 to 1.5kg/m² for two coats depending on the porosity and surface condition of the substrate.

COLORS:

Grey and white color available, minimum order quantity applied for other colors.

SAFETY PRECAUTIONS:

TMS-100 is safe to be used as it is non-flammable and non-toxic. However, it is still advisable to follow good working practice and use only in well-ventilated area.

PRODUCT REFERENCES:



Homogeneous Process



Reliable Performance



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PERFORMANCE REFERENCES:

