



THERMOFLEX MF

Waterproofingsystem Mineral Finish

Discussion

THERMOFLEX MF is a polymer-modified waterproofing membrane obtained from the modification of distilled bitumen with poly-olefin based co-polymers. The modified compound makes **THERMOFLEX MF** an easy to apply membrane that requires low consumption of gas and has excellent adhesion properties that ensure, when the membrane is properly installed, very good bonding and tightness of all joints and overlaps.

The carrier is a composite polyester stabilised with longitudinal glass yarns that provide very good dimensional stability and prevent problems of shrinkage caused by weathering in time.

THERMOFLEX MF has a mineral slate granule finish, grey, on the upper face of the membrane offering a self protection system. The mineral slate granule finish is 4,5kg/m².

The lower face of **THERMOFLEX MF** is backed by a special polyethylene burn-off film which melts during torching and prevents the roll from sticking to itself. The correct application temperature is visible from the embossed surface of the membrane which is below the burn off film, when the correct application temperature is reached, this embossment melts, also helping vapour diffusion and avoiding blistering.

The upper side also has a 100mm burn off film of mineral free track line which allows for the alignment of the side laps and heat fusion to occur quicker and easier during application.

THERMOFLEX MF offers a high static and dynamic puncture resistant, good tensile strength, both longitudinal and transversal, ultimate elongation and exceptional dimensional stability.



Physical Properties

Colour:	Black
Pack Size:	4mm grade in 10m roll lengths and 1m wide
Total Solids:	100%
Weight	45kg
Specific Gravity:	1.1 – 1.3
Water Vapour Permeability:	Impermeable
Penetration (100g/5s/70c):	50-60
Flow resistance at elevated temperature	Will not slump on a vertical surface at 120°C
Cold Flexibility (20mm mandrel)	< 0°C
Elongation @ 25°C	>35%
Tensile Strength L/T	400/300 N/5cm
Tear Resistance L/T	>130N

Health and Safety

- Avoid contact with skin or eyes.
- Keep out of reach of children.
- If accidentally swallowed, seek medical advice immediately.
- To avoid the risk of spillage, always store and transport containers in a secure upright position.
- Refer to Material Safety Data Sheet for additional information.



Standard Disclaimer

The recommendations contained herein are given in good faith and meant to guide the specifier or user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond **STT Sales (PTY) LTD** control.

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements.

Important Note; It is the responsibility of the user to ensure that the latest **TDS** is being used for reference. **DARACHEM** Data Sheets are available on our website www.darachem.co.za or Email info@darachem.co.za.

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