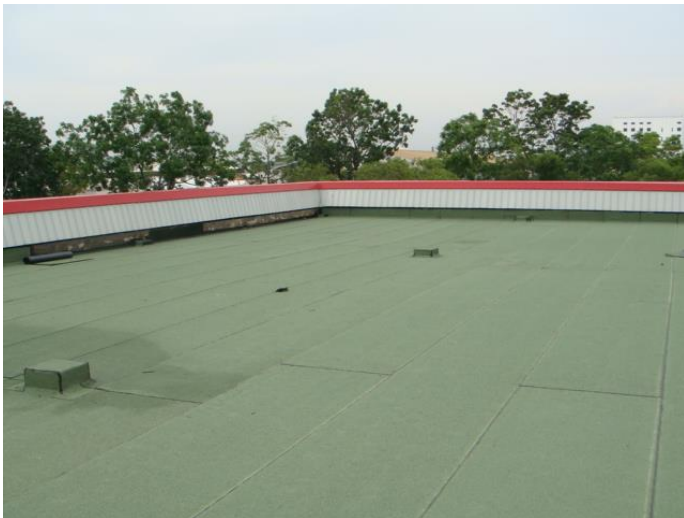


4.5 kg Mineral Coated Torch Applied Membrane

DESCRIPTION



TamSeal 4000E is a 4.5 kg APP modified torch-applied bituminous waterproofing membrane. The surface is mineral slate, coated on a heavy duty high strength, non-woven polyester mat. The mineral slate provides excellent UV protection and is suitable for light pedestrian traffic. The rigid nature coupled with excellent UV resistance of the membrane provides for long weathering and maintains the properties for an extended period of time.

The membrane is torch applied by heating gently the underside with a propane gas torch causing the surface to melt and subsequent adhesion to the primed surface. It is used as a single layer system with relatively simple and easy installation that requires no curing. It is accessible immediately after the membrane is laid.

KEY BENEFITS

- > Excellent UV resistance
- > Excellent rigidity, reduced risk of site damage by other trade works
- > Easy application, withstands thermal shocks
- > Resistance to waterborne chemical attacks
- > Excellent resistance to atmospheric pressure

TYPICAL APPLICATIONS

- > Used as an exposed waterproofing membrane most suited for concrete roof decks where light pedestrian traffic is required

TECHNICAL DATA

TamSeal 4000E	
Membrane weight	4.5 kg/m ²
Membrane tensile strength	> 700 N / 5 cm
Membrane elongation	40%
Tear resistance	600 N
Resistance to water pressure	> 60 kpa
Membrane resistance to puncture	1155 N
Water vapour permeability	Nil

All technical data stated herein is based on tests carried out under laboratory conditions.

APPLICATION GUIDELINES

Surface Preparation

- > Concrete surface / substrate to receive TamSeal 4000E membrane shall be clean, dry and free of any contaminants such as dust, grease oil, water, laitance or any foreign materials that will prevent a proper bond during installation.
- > Any loose particles should be removed using a scraper or any mechanical means such as a scrubber. Avoid using any cleaning aid containing oil, wax pigment or resin.

Application Method

- > Place unrolled membrane on position where it has to be torched on later.
- > Unroll membrane and allow it to remain flat while inspecting any unevenness on the surface (due to over stacking at site).
- > Roll back membrane without changing the original position and unroll again slowly, this time with the propane gas torch gently heating the underside of the membrane.
- > Swing the torch left to right in a slow motion observing the melting process of the membrane.
- > As the initial bottom layer starts to liquefy, the membrane is ready to be laid on the concrete substrate.
- > Lapping between two membrane sheets should not be less than 50 mm.
- > Extreme caution should be taken when welding the membrane laps to ensure it is fully heat welded and finished.

TamSeal 4000E

4.5 kg Mineral Coated Torch Applied Membrane

PACKAGING

TamSeal 4000E is supplied in 10 m² per roll. Packaging size may vary subject to local regulations and requirements.

STORAGE

TamSeal 4000E should be stored at room temperature (min 10°C and max 38°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of one year can be expected.

HEALTH & SAFETY

TamSeal 4000E should only be used as directed. We always recommend that the Safety Data Sheet (SDS) is carefully read prior to application of the material. Our recommendations for protective equipment should be strictly adhered to for your personal protection. The Safety Data Sheet is available upon request from your local Normet representative.