

Self Adhesive Waterproofing Membrane

DESCRIPTION



TamSeal 1500 is a high performance pre-formed, self-adhesive rubber bitumen, HDPE backed waterproof membrane. TamSeal 1500 is suitable for use above and below ground or on vertical and horizontal surfaces where waterproofing is required. This product is formulated for easy installation as well as to achieve the final adhesion in just a few minutes.

KEY BENEFITS

- > Fully bonded system, excellent continuous adhesion and prevents lateral migration of water.
- > Cold applied, it does not require any special tools.
- > Subsequent works can be commenced immediately
- > Easy and quick installation
- > Highly Flexible
- > Effective water vapour barrier
- > Permanent flexibility and protection

TYPICAL APPLICATIONS

- > Planter boxes
- > External basement wall & slabs
- > Retaining walls
- > Pedestrian concourse
- > Roof terraces
- > Tunnels
- > External walls
- > Foundations

TECHNICAL DATA

TamSeal 1500	
Weight	1.6 kg/m ²
Thickness	1.5 mm
Cold flexibility (ASTM D146)	> -40°C
Temperature resistance	-30°C to +90°C
Adhesion on steel (ASTM D1000)	5.8 MPa
Adhesion on primed concrete	4.9 MPa
Elongation ASTM D638 Long ASTM D638 Trans	435% 380%
Tensile strength ASTM D638 Long ASTM D638 Trans	43.5 MPa 56.9 MPa
Tear resistance Longitudinal Transverse	83.01 N 73.74 N
Punctual resistance (ASTM E 154)	246N/65 mm ²
Water vapour permeability (ASTM E 96)	0.3g / m ² / 24hrs
Resistance to chemicals & fungus	Excellent

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

Whilst any information and/or specification contained herein is to the best of our knowledge, true and accurate, we always recommend that a trial be carried out to confirm suitability of the product. Please note regional climatic conditions may cause a variation in the performance of the product. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives, agents or distributors. The information in this data sheet is effective from the date shown and supersedes all previous data. Please check with your local Normet office to confirm that this is current issue.

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APPLICATION GUIDELINES

Surface Preparation

- > Concrete surfaces to receive TamSeal 1500 shall be free from dust, oil and other contaminants. It shall be clean, sound, dry and relatively trowelled smooth finish.
- > All structural cracks should be properly repaired with TamRez epoxy resin. Honeycomb to be treated with TamCrete repair mortar.
- > Substrates shall be pitched to drains.
- > Priming of good quality and dense concrete is not necessary.

Application Method

Prior to the application of the membrane, all prepared surfaces should be primed with bituminous primer at a rate of 5 - 6 m² per litre and allowed to dry.

TamSeal 1500 must be applied from the lowest point and enable laps to shed water. All edge and end laps must be overlapped with a minimum of 50 mm. Internal and external corners should be reinforced with an extra layer of membrane with a minimum width of 300 mm.

Whenever a vertical penetration exists (parapet wall, column, stack etc.) a 25 x 25 mm cement/sand mortar angle fillet strip should be built before the installation of TamSeal 1500.

Lay membrane to ensure it is properly adhered to the surface at perimeters or on completion of the installation of TamSeal 1500, it is recommended to protect the membrane with board. It should not be left exposed to UV light for an extended period of time.

STORAGE

TamSeal 1500 should be stored at room temperature (min 4°C and max 30°C), kept dry and out of direct sunlight. If these conditions are maintained and the product packaging is unopened, then a shelf life of up to 12 months can be expected.

HEALTH & SAFETY

TamSeal 1500 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.