



## TYL<sup>®</sup> - BituSheet SA

Self-Adhesive Bitumen Polyethylene Waterproofing Membrane

202402

### DESCRIPTION

TYL<sup>®</sup> -BituSheet SA is a self-adhesive polymer modified bitumen membrane laminated with high performance with high density polyethylene used for waterproofing below ground installations. It has a carrier film on the upper surface to assist in handing and a peel off selvedge strip providing a bitumen to bitumen bond at the edge laps. The adhesive surface is protected by a release paper which is removed before application.



### USES

- Basements
- Concrete Retaining Walls
- Masonry Structures
- Tunnels
- Roofs
- Reservoirs
- Slip Joint
- Foundations
- Lift Pits
- Subways
- Ground Slabs

### ADVANTAGES

- Self-adhesive without torching
- Safe application, no pollution
- Produces a continuous waterproofing membrane system
- Low VOC
- Excellent bond to substrate
- Waterproof & Vapour-proof
- Fabric reinforcement – high puncture resistance and dimensional stability
- Excellent bond to substrate

### SPECIFICATION COMPLIANCE

- CEDD GS Clause 20.04(1)(a) & 21.18
- BS 743:1970
- BS 6515
- BS 6398

**PHYSICAL & MECHANICAL PROPERTIES**

<u>Property</u>	<u>Test Method</u>	<u>Typical Value</u>
<b>Tensile Strength</b>	ASTM D412-06a	4.27MPa
<b>Elongation at Break</b>	ASTM D412-06a	176%
<b>Resistance to Puncture</b>	ASTM E154-99	23.5
<b>Pliability</b>	ASTM D146-04	No visible crack/ rupture is observed
<b>Weight per m<sup>2</sup></b>	N/A	2.25kg/m <sup>2</sup>
<b>Thickness</b>	N/A	1.2mm

**APPLICATION INSTRUCTIONS**

All concrete surfaces must be wood float or shutter finish, free from cavities and projections. All damaged concrete shall be made good. All surfaces must be clean, dry and free from dirt, frost, mould release agents and curing compounds.

Suitable angle fillet strips should be used at all wall to floor junctions. Internal and external corners should incorporate corner pieces.

TYL®-BituSheet SA should be applied directly by removing the release paper and pressing the polyethylene film firmly to ensure that the sheet bonds continuously on concrete surface without trapping air. The next roll or length should be aligned against the previously applied piece allowing for 75mm edge lap and 150mm end lap

**PACKAGING**

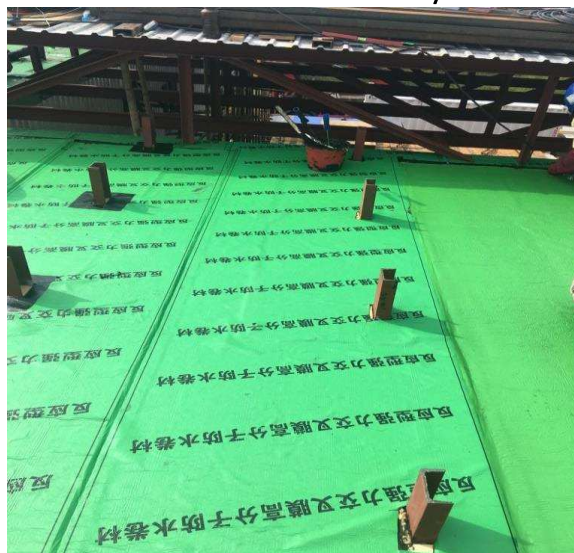
<b>Sheet size :</b>	1.2mm x 1m x 20m roll / 2.0mm x 1m x 15m roll
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**LIMITATIONS**

TYL®-BituSheet SA should not be used in situations subject to fuel or oil spillage or in soils heavily contaminated with fuel oils or solvents.

**STORAGE**

It should be stored in the dry conditions.

**Please enquire about our range of construction product**

The information and the recommendations relating to the application and end use if this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability if final function at the job site is assumed. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability of or fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written and/or oral recommendations, or from any other advice offered by the Company. No responsibility or Liability by the Company will be accepted for misuse, misreading or derivation from the recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and all risks and liability in connection therewith. The information contained in this brochure may change at any time without notice.