

WATERBLAZER SELF ADHESIVE MEMBRANE

**SBS Multilayered Cross Laminated UV Stabilized
self-Adhesive Waterproofing Membranes**



Description:

WATERBLAZER SELF ADHESIVE membranes are self-adhesive waterproofing membranes used in Terraces Base ments, Bridges, Metal roofs, Floorings, and Sub-Structures.

WATERBLAZER SELF ADHESIVE membrane is a dual compound high-density cross-laminated polyethylene films & SBS membrane with a laminate of aluminium foil, ideal for waterproofing concrete, masonry, metal and wood surfaces. It can be applied to foundation walls, tunnels, earth sheltered structures pipes and split slab construction. WATERBLAZER SELF ADHESIVE membrane is 1mm & 1.5mm thick, 1.0 meter wide and 10 & 15 meter long and is supplied in rolls, it is unrolled sticky side down onto any sustained concrete or metal slabs or applied onto vertical surfaces primed with WATERBLAZER BLACK primer. Continuity is achieved by overlapping a minimum 50mm to 75mm side lap & 100mm to 150mm end lap and firmly rolling the joint.

Advantages:

- ⊙ **Waterproof - high hydrostatic heat resistance**
- ⊙ **Cross laminated film - provides dimensional stability, high tear strength, puncture and impact resistance.**
- ⊙ **Cold applied - no flame hazard; self-adhesive overlaps ensure continuity.**
- ⊙ **Chemically resistant – provides effective external protection against aggressive soils and ground water.**
- ⊙ **Flexible - accommodates minor settlement & shrinkage movements**
- ⊙ **Controlled Thickness - factory made sheet ensures constant, non- variable site application.**
- ⊙ **Firmly adheres to clean, dry surfaces**
- ⊙ **Self-seals around fasteners**
- ⊙ **Wide application window - being extremely flexible, it is capable of bridging shrinkage cracks in the concrete and will accommodate minor differential move me throughout the service life structure.**
- ⊙ **Virtually maintenance-free.**
- ⊙ **Aluminium surface limits solar heat gain to keep internal temperatures cooler.**

Surface preparation:

Surface should be structurally sound and free of voids, loose aggregates/ rust and sharp protrusions. Remove contaminants such as grease, oil and wax from exposed surfaces. Remove dust, dirt, loose stone and debris

Storage:

WATERBLAZER SELF ADHESIVE membranes to be stored in well covered and ventilated area not subjected to direct sunlight.

Physical Properties:

Property	Typical Value	Test Method
Color	Dark Blue Silver	
Roll Size, mm	1x15 & 1x 10	
Thickness, mm	1.0 & 1.5 mm	ASTMD3767
Softening Point. Deg. C	110 + 10' C	ASTMD36
Tensile strength, membrane	>10 00/1000	ASTMD41 2
Elongation	300%	ASTMD412
Crack cycling 100 cycles	Unaffected	ASTMC836
Lap adhesion, N/mm	2.2	ASTMD1876
Peel strength, N/mm	1.8	ASTMD903
Puncture resistance, N	>200N	ASTME154
Resistance to hydrostatic head	60m (200ft) of water	ASTME5385
Water absorption	0.1% maximum	ASTME570
Flexibility- bend over 25mm mandrel(O to-5'C)	Unaffected	ASTMD4586

***Tolerance limit of 5% to 20% is expected as per standards**

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