

## SABIT SELFADO

### Perfect pre-fabricated self-adhesive waterproofing membrane

#### Introduction:

**SABIT SELFADO** is a high performance multi-ply prefabricated waterproofing membrane consisting of a highly elastic SBS bituminous compound, internally reinforced with non-woven polyester mat or glass fiber and topped with high density polyethylene HDPE film, it also incorporates a quick release film or paper in order to ensure clean adhesion.

#### TECHNICAL DATA

1	Properties	Typical Result			Test Method	Tolerance	Method
1	Roll size, m	15	15	15	ASTM D 5147	≥	EN 1848-1
2	Thickness, mm	1.5	1.6	2	ASTM D 5147	±5%	EN 1849-1
3	Unit Weight ( Plain ), kg/m <sup>2</sup>	1.5	1.6	2	ASTM D 5147	±10%	EN 1849-1
4	Carrier Polyester, g/m <sup>2</sup>	55 glass	140	160	UEAtc, M.O.A.T.30		
5	Softening Point ( °C )	>110	>110	>110	ASTM D 36		
6	Penetration at 25°C, dmm	40-60	40-60	40-60	ASTM D 5		
7	Cold Flexibility - °C	up to -15	up to -15	up to -15	ASTM D 5147		
8	Tensile Strength 23±2 °C (N/5cm), Longitudinal, Tansverse	350 300	500 450	600 550	UEAtc ASTM D 5147 ASTM D 146	±20 %	EN 12311-1
9	Elongation,% 23±2 °C Longitudinal, Tansverse	3 3.5	30 40	30 40	ASTM D 5147 ASTM D 146	±15 %	EN 12311-1
10	Tear Resistance ( N ) Longitudinal, Tansverse	50 70	400 320	500 320	ASTM D 4073		
11	Lap joint Strength( N ) Longitudinal, Tansverse	350 300	500 450	600 550	ASTM D 5147		
12	Adhesion strength N/mm	>2	>2	>2	ASTM D 1000		
13	Puncture resistance @ N	120	400	400	ASTM E 154		
14	Resistance of water pressure	No Leakage			DIN 52123		
15	Water Absorption, %	<0.15	<0.15	<0.15	ASTM D 5147		

#### Special features

- \* Quick release silicon coated film. A release paper is also available on demand.
- \* The highly elastic cross-laminated HDPE film provides the enhanced protection in terms of elongation and strength and makes the membrane suitable for a variety of applications in basement and tanking waterproofing, swimming pools, foundations and pile capping, roofing, bridge decks, wet areas and civil works.
- \* Provided with a 100mm factory placed side seldedge for clean and strong overlapping.
- \* High puncture resistance and tensile strength.
- \* Excellent dimensional stability.
- \* Lagged adhesion to allow for adjustments during application.
- \* Excellent resistance to high methane and salinity environment, or other chemicals present in the soil.
- \* In tanking it is recommended to be used in combination with SABIT protection boards or membranes to ensure proper protection from damage during backfilling.
- \* Accommodates structural movement with a high crack bridging capability.
- \* Self-healing as water will not pass underneath and weaken the adhesion.



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