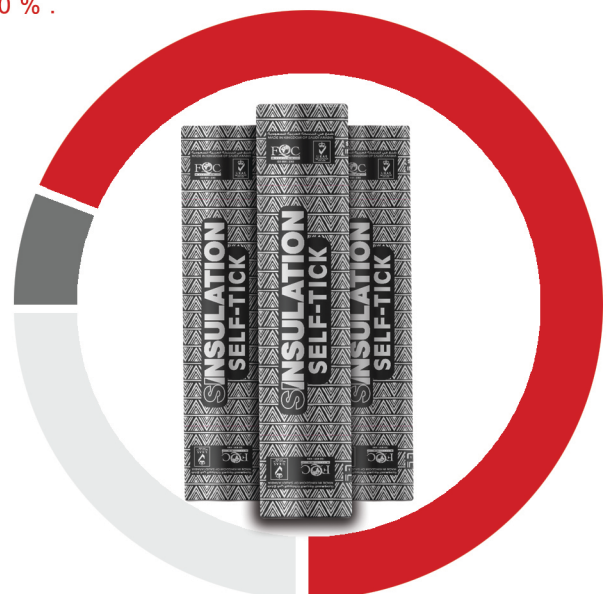


1	Softening point	C	90 - 100	ASTM D 36
2	Penetration	dmm	70	ASTM D 5
3	Cold Flexibility	C	> -25	ASTM D 5147
4	Reinforcement		polyester	ASTM D 5147
5	Tensile Strength @ 23 + 2 C			
	Longitudinal	N/5 cm	500	ASTM D 412
	Transversal		300	
6	Elongation @ 23 + 2 C	%		ASTM D 412
	Longitudinal		300	
	Transversal		350	
7	Lap Joint Strength	N/5 cm		UEAtc
	Longitudinal		500	
	Transversal		300	
8	Tear Strength	N		ASTM D 624
	Longitudinal		350	
	Transversal		200	
9	Puncture Resistance	N	500	ASTM E 154
10	Resistance to accelerated Aging (after 2000 hrs)		Pass	ASTM G 53
	2000 hrs (equals 10 years exposure to elements)			
11	Water Absorption (@ 25 C for 24 hrs)	%	< 0.5	ASTM D 5147
12	Water Vapour Transmission	g/m24/2hrs	< 0.2	ASTM E 96
13	Adhesion Strength			
	To primed concrete	N/mm	3.2	ASTM D 1000
	To self	N/mm	3.2	ASTM D 1000
14	Impermeability of welded seams to water pressure		No Deterioration	UEAtc
15	Resistance to chemicals	-	Good / Conform	ASTM D 543

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .

SI SELF-TICK
Cross Laminated HDPE

صناعة
سعودية
MADE IN KSA



SI INSULATION

SBS Modified self adhesive bituminous membrane reinforced with the non Cross Laminated (HDPE) film.

General Description:

SI SELF-TICK Cross Laminated HDPE

Self-Tick HDPE: is a high performance cold applied, multi-ply prefabricated SBS modified self adhesive bituminous membrane, reinforced with the non woven polyester and backing with the tough Cross laminated HDPE film. Which provides outstanding physical properties and product stability, quick release film in order to ensure clean adhesion.

Application Areas :

SI SELF-TICK Cross Laminated HDPE

Self-Tick HDPE: is an high performance self adhesive waterproof membrane design for all kind surfaces such as concrete, bituminous, metal, ply, and wood surfaces, and such areas are roofs, basement, swimming pool, water tank, seepage, bathrooms, terraces, metal Roof, beams and columns, footing, pipe capping, car parking, bridge decks, duct & ramp area, highway or airports.

Features :

- Cold applied self adhesive easy to use.
- Less installation cost and min. effort.
- Self adhesive against all kind of surfaces.
- High tensile, elongation and tear strength.
- Excellent adhesion and weather resistance.
- More self life.
- Protection against salt, alkalis and acid found in ground waters.

General Data :

Nominal thickness: 1.6mm, 2mm, 3mm, 4mm.
Nominal size: 1x20, 1x15, 1x10mtr.
Reinforcement : Non woven polyester.
Upper surface : Cross laminated (HDPE) film.
Lower surface : Siliconized release film.

Quality Control :

SI SELF-TICK Cross Laminated HDPE

Self-Tick INDUSTRIES LLC. Manufacturing facility is certified with the QMS-ISO 9001:2015, HMS-ISO 45001:2018 and EMS- ISO 14001:2015. In order to regular test conducted by S I F C laboratory, our product is tested by independent internal laboratories.

Follow Standard Method:

SI SELF-TICK Cross Laminated HDPE

Self-Tick HDPE: testing under standard methods. ASTM, EN etc

Packaging :

SI SELF-TICK Cross Laminated HDPE

Self-Tick HDPE: is manufacturing in standard size And roll are palletized and covered with a shrinkwrapped.

Tools Required :

Measuring tape, Knife, Marking string plastic roller etc.

Surface preparation :

The surface must be thoroughly clean, totally dry, sound and free from crack, dust, laitance, oil and grease, debris, loose particles or other contamination.

Surface Priming :

The entire surfaces must be primed, allow one coat of PRIMER-solvent based bituminous primer (primer D-41) at the rate of 0.20.3-Ltr/m² It should be complete dry before installation of waterproofing membrane.

Installation Method:

SI SELF-TICK Cross Laminated HDPE

Self-Tick HDPE: can be installed in a single layer of waterproof system.

- Insure that the surface to be waterproof must be thoroughly clean, dry, sound and free from humidity.
- In cold weather conditions below 20° C, it is essential to heat the primed surfaces through hot air gun or gas torch before applying the membrane.
- Stand the sifting position align the roll with minimum 10cm of overlap and 15cm of end laps.
- Peeling of the siliconized release film from waterproof membrane allow adhesive against primed substrate, and press firmly by using rubber hand roller, from the midpoint to the edges in order to expel any trapped air bubbles and to insure good contacts to the prime substrate and overlap or end lap are perfectly sealed while hand rolling.

Storage & Handling :

- Keep the material in dry, cool, ventilated and shaded areas.
- Do not store exposed in the sun or humid areas.
- Do not store pallet above the pallets.



SI SELF-TICK
Cross Laminated HDPE