SINCE 1934

TECHNO bit

TECHNOLOGY OF INSULATING MATERIALS



LASTICK DAMPTECT

Carrier Less Self Adhesive Modified Bituminous Membrane Surfaced with **Cross Laminated HDPE FILM**

THE WISE CHOICE

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MADE IN EGYPT

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Description

Lastick DAMPTECT is a self adhesive waterproofing membrane based on a tropical grade of polymer modified bitumen. The bitumen compound is laminated onto an impervious, non-perforated, cross laminated HDPE film. **Lastick DAMPTECT** conforms to the requirements of **BS 8102.**



① Cross Laminated HDPE FILM ② Elastic Bitumen Compound
③ Split Release Paper

WIDTH	THICKNESS	LENGTH
1 M	1 1.5 2 mm	15 20 M

Major Features

- Excellent resistance to chlorides, sulphates, alkalis and acids
- Safe Application (Flameless)
- Easy to use (Self Adhesive)
- Environmentally Friendly (No Waste)
- Fast Application
- Good tear and puncture resistance
- Excellent tensile strength in both longitudinal and transverse direction
- Good resistance to water & vapor
- Excellent adhesion to vertical and horizontal surfaces

Uses

- Waterproofing and damp proofing membrane intended for concrete protection.
- Used for horizontal and vertical application for tanking below ground structures, subways and retaining walls.

Method of Application

1 Surface preparation

The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease.
All surface imperfections, protrusions, structurally unsound and friable concrete must be removed and repaired with a suitable concrete repair mortar.

2 Priming

Apply (solvent based primer) @ 4- 6 m^2/L to a clean smooth and dry surface by brush, roller or spray. Allow the primer to dry prior to the application of the membrane. As the viscosity of the primer is low, it easily penetrates into the concrete pores which promotes the adhesion between the membrane and the concrete surface. In addition to that the primer also acts as a binder for the dust which gets accumulated on the concrete surface even after cleaning.

Storage & Handling

Lastick DAMPTECT rolls should be kept in an upright position in a flat, properly ventilated and sheltered storage area away from sunrays.

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Properties الخصائص		Test الإختبار	Unit وحدة القياس	Test Method طريقة الإختبار	Typical Values القيم النموذجية
Dimensional Properties خصائص الأبعاد		Thickness السمك	mm	EN-1849-1	1.5
		Width العرض	m	EN-1848-1	1
		Length الطول	m	EN-1848-1	15
		Straightness درجة إستواء السطح (الإستقامة)	mm	EN-1848-1	20
Compound Properties خصائص الخليط البيتومينى		Softening point (R&B) درجة الليونة	°C	EN 1427	95
Membrane Properties خصائص الغشاء	Mechanical Properties الخصائص الميكانيكية	Tensile Strength مقاومة الشد القصوى			
		Longitudinal "طوليا"	N/5cm	EN-12311-1	280
		Transverse "عرضيا"	N/5cm	EN-12311-1	280
		Tensile Strength (Film\Foil) - Longitudinal	N/mm²	ASTM D 882	42
		Tensile Strength (Film\Foil) - Transverse	N/mm²	ASTM D 882	48
		Elongation @ Break أقصى معدل للإستطالة			
		Longitudinal "طوليا"	%	EN-12311-1	300
		Transverse "عرضيا"	%	EN-12311-1	300
		Elongation at Break (Film\Foil) - Longitudinal	%	ASTM D 882	300
		Elongation at Break (Film\Foil) - Transverse	%	ASTM D 882	180
		Tensile-Tear Resistance مقاومة التمزق - بطريقة الشد			
		Tear Strength (Film\Foil) - Longitudinal	N	ASTM D 1004	40
		Tear Strength (Film\Foil) - Transverse	N	ASTM D 1004	40
		Resistance to static loading مقاومة الاختراق الإستاتيكى	KG	EN 12730 Method A	25
		Resistance to Impact loading مقاومة الإختراق الديناميكى	mm	EN 12691 Method B	1200
		Puncture Resistance مقاومة الثقب	N	ASTM E 154	350
		Cold Temperature Flexibility المرونة عند درجات الحرارة المنخفضة	°C	EN-1109	-20
	Miscellaneous Properties خصائص أخرى	Water Tightness مقاومة نفاذية الماء	kPa	EN 1928:2000	60
		Water Tightness Durability دوام مقاومة نفاذية الماء			
		After reaction to chemical	kPa	EN 1847 - EN 1928	60
		After thermal aging	kPa	EN 1296 - EN 1928	60
		Water Absorption درجة امتصاص الماء	%	ASTM D-5147	3
		Vapour Permeability نفاذية بخار الماء	μ	EN1931	230
		Joints Tensile Strength مقاومة الشد عند مناطق التراكب			
		Side Lap	N/5cm	EN 12317	280
		End Lap	N/5cm	EN 12317	280
		Adhesion to primed Substrate الالتصاق بالسطح المُجهز	N/mm	ASTM D 1000	2
		Adhesion to Self الالتصاق بالذات	N/mm	ASTM D 1000	2
		Fire Classification - Extemal Fire Performance تصنيف الحريق - أداء الحريق الخارجي	Class	EN 13501-5	F
		Reaction to fire التعامل مع الحريق	Class	EN 13501-1	F

TECHNOBIT products are tested at random intervals by independent laboratories to international standards and the results of these tests are available on request. In addition, each batch manufactured is subject to strict quality control procedures to ensure it meets appropriate and applicable standards and/or norms.

- Product Technical specifications may be updated by TechnoBit without prior notice.
- Issue Date of this Techinical Data Sheet is **JULY 2026**
- The Information Provided by This Issue Cancels Any Previous Issues.

ISO 9001 OHSAS 18001 ISO 14001