REOXTHENE Patented TECHNOLOGY

REOXTHENE® TECHNOLOGY

WATERPROOFING MEMBRANE WITH REVOLUTIONARY TECHNOLOGY

INNOVATIVE BITUMINOUS POLYMER COMPOUND

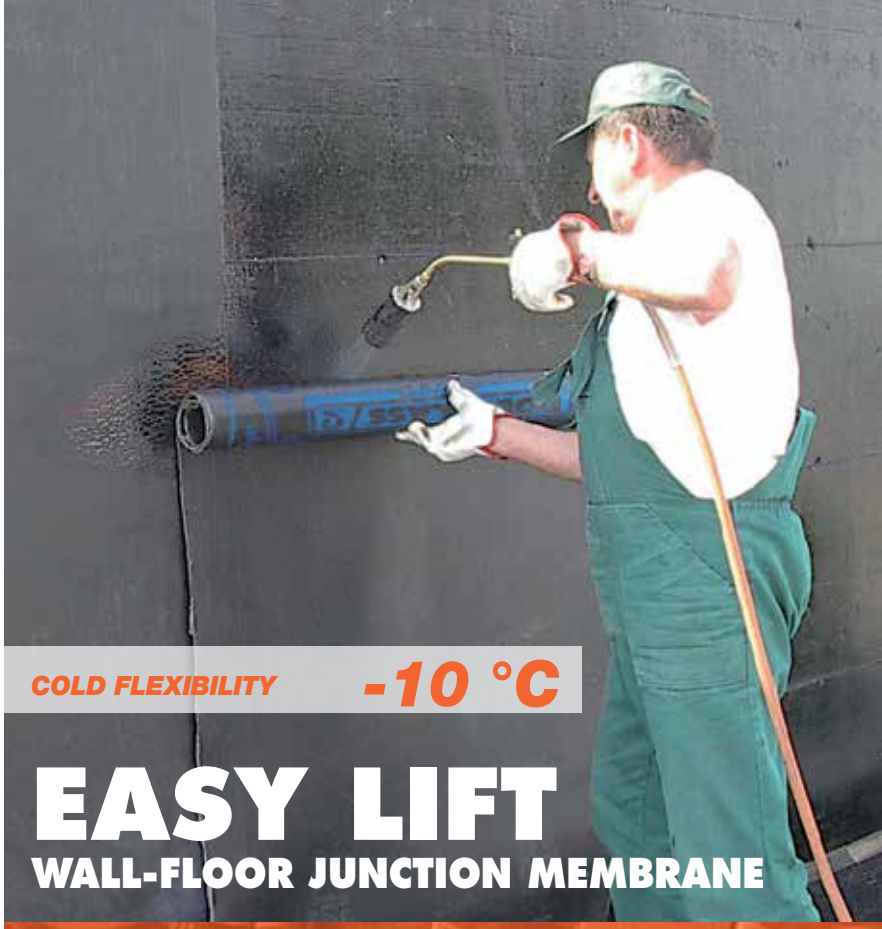
INCREDIBLY LIGHTWEIGHT
(up to 21 kg*)
***7,5 m roll**

INCREASED PRODUCT PERFORMANCE

EXCEPTIONALY EASY TO APPLY; HIGHER DAILY OUTPUT

CE 1370

BRANZ Appraised
Appraisal No. 804 (2012)



COLD FLEXIBILITY **-10 °C**

EASY LIFT

WALL-FLOOR JUNCTION MEMBRANE

EASY LIFT is plasto-styrene waterproofing membrane. Is made using a latest generation distilled bitumen-based compound, ultra-light REOXTHENE technology, with Evalith™ XTR polyester spunbond from Johns Manville, stabilized and reinforced with longitudinal glass fiber threads.

ROOFING AND WATERPROOFING SYSTEMS

POLYGLASS® Q

MAPEI GROUP

Adds value!

Rev. 1/18

REOXTHENE TECHNOLOGY®

REOXTHENE is the revolutionary technology developed by the POLYGLASS and MAPEI Research & Development laboratories. An innovative approach has revolutionised traditional bituminous compound mixing and compound techniques. This lets us go beyond yesterday's technological limits in the **weight/thickness ratio.**

REOXTHENE TECHNOLOGY lets POLYGLASS produce chemically innovative compounds with specific weights, which can't be achieved using traditional phase inversion methods.

REOXTHENE TECHNOLOGY is protected by a patent which guarantees exclusive POLYGLASS rights.

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TECHNICAL DESCRIPTION

EASY LIFT is plasto-styrene waterproofing membrane. It is made of the latest generation distilled bitumen-based compound, (density ≤1 g/cm^3 Test method ISO 1183), ultra-light REOXTHENE technology, with EVALITH™ XTR polyester spunbond from Johns Manville, stabilized and reinforced with longitudinal glass fiber threads. The compound ensures elevated cold flexibility.
The innovative technology used in membrane production, protected by patent, provides another guarantee of the product's quality, stability, and durability.

INTENDED USE AS PER CE STANDARDS

PRODUCT	SINGLE-LAYER		MULTI-LAYER				ROOT BARRIER	VAPOUR BARRIER	FOUNDATIONS		UNDER ROOFING TILES
			F.L.		U.L.				R.D.	G.W.	
	E.	U.H.P.	E.	U.H.P.	E.	U.H.P.					
3 mm									•		
4 mm									•		

F.L.: Finishing Layer - **U.L.**: Underlying Layer - **R.D.**: Rising Damp - **G.**: Ground-water - **E.**: Exposed - **U.H.P.**: Under Heavy Protection

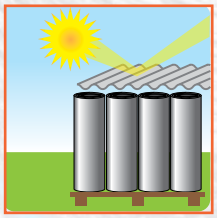
EASY LIFT is a versatile membrane provided with excellent mechanical strength, dimensional stability, and remarkable adhesion. These characteristics make EASY LIFT particularly indicated as a sealing membrane for the waterproofing of vertical walls.

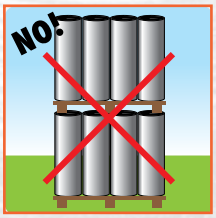
TYPES OF FINISH AND SUGGESTIONS FOR LAYING

EASY LIFT is provided with its top surface coated with a special transparent self-adhesive polyethylene film. The underside is protected and faced with **POLYFLAM** *EasyTorch* the special non-stick polyethylene film which disappears during felt installation. The surfaces to be waterproofed must be dry, clean, smooth and level.
Application is quick and easy and is done by light flaming with propane gas. The previous application of bituminous primer as an adhesion promoter is recommended whenever the membrane must be applied over a concrete support surface.

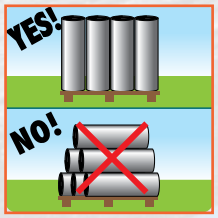
STORAGE METHOD

Store the product in a dry place out of direct sunlight. Never stack pallets on top of each other. Rolls must always be kept standing. Contact with solvents or organic liquids may damage the product. Avoid laying at extreme temperatures and absolutely avoid puncturing the product (by wearing shoes with cleats, concentrating temporary loads in restricted areas, or dropping sharp objects).


Keep out of direct sunlight



Avoid stacking pallets without evenly distributing the load



Keep the rolls standing

Absolutely avoid puncturing the product

REOXTHENE TECHNOLOGY

EASY LIFT

WATERPROOFING MEMBRANE WITH REVOLUTIONARY TECHNOLOGY

ROOFING AND WATERPROOFING SYSTEMS
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TECHNICAL CHARACTERISTICS

TEST METHOD	TECHNICAL CHARACTERISTICS	UNIT OF MEASURE	EASY LIFT NOMINAL VALUES	NOMINAL VALUES
EN 1848-1	LENGTH	m	≥7,5	
EN 1848-1	WIDTH	m	≥1	
EN 1848-1	STRAIGHTNESS	mm/10 m	Exceeds	
EN 1849-1	THICKNESS	mm	3 (-0,2)*	
EN 1849-1	WEIGHT PER UNIT AREA	kg/m²	NPD	
EN 1928-B	WATERPROOFING	kPa	Exceeds	
EN 1928-B EN 1296	WATER TIGHTNESS AFTER ARTIFICIAL AGEING	kPa	Exceeds	
EN 1928-B EN 1847	WATER TIGHTNESS AFTER EXPOSURE TO CHEMICALS	kPa	Exceeds	
EN 13501-1	REACTION TO FIRE	Euroclass	F	
EN 12317	SHEAR RESISTANCE	N/50 mm	NPD	
EN 12311-1	TENSILE PROPERTIES MAXIMUM LOAD AT BREAK Longitudinal Transversal ELONGATION AT BREAK Longitudinal Transversal	 N/50 mm N/50 mm % %	 700 (-20%) 500 (-20%) 60 (-15) 60 (-15)	
EN 12691-A	RESISTANCE TO IMPACT	mm	≥800	
EN 12730-A	RESISTANCE TO STATIC LOADING	kg	≥15	
EN 12310-1	RESISTANCE TO TEARING Longitudinal Transversal	 N N	 180 (-30%) 220 (-30%)	
EN 13948	RESISTANCE PENETRATION ROOTS	-	≤0,3	
EN 1109	COLD FLEXIBILITY	°C	≤-10	
EN 1931	WATER VAPOUR PROPERTIES μ	-	20000	
EN 1850-1	VISIBLE DEFECTS	-	ABSENT	

*Greater thicknesses available on request.

In compliance with EN 13969 TYPE T product standards (layers for foundations).

PACKAGE DIMENSIONS

PRODUCT	THICKNESS mm	WEIGHT kg/m²	DIMENSIONS m
EASY LIFT	3	-	1x7,5
EASY LIFT	4	-	1x7,5

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LAYING ***EASY LIFT***

1 - Treat the area to be waterproofed with bituminous primer (POLYPRIMER HP 45 Professional).

2 - Position the corner border at the base of the wall to be waterproofed.

3 - Completely strip away the product identification tape.

4 - Cut the membrane sheet to the size of the surface to be waterproofed.

5/6 - AApply the membrane sheet by first fastening the upper part on the wall and then proceeding downwards.

7 - Apply the next sheets by respecting the overlapping points.

8/9 - Check the work performed and give an accurate finish.

10 - Fasten the bituminous membrane to the wall using the appropriate mechanical fastening systems at the overlapping points.

11/12 - Apply mechanical protection (e.g. POLYFOND KIT or POLYFOND KIT DRAIN, HDPE dimpled membranes) over the waterproofing membrane if necessary.

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REOXTHENE TECHNOLOGY membranes use carrier from Johns Manville.

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MAPEI GROUP
Adds value!

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Rev. 1/18