



# REOXTHENE TECHNOLOGY®

## WATERPROOFING MEMBRANE WITH REVOLUTIONARY TECHNOLOGY



**INNOVATIVE  
BITUMINOUS  
POLYMER  
COMPOUND**



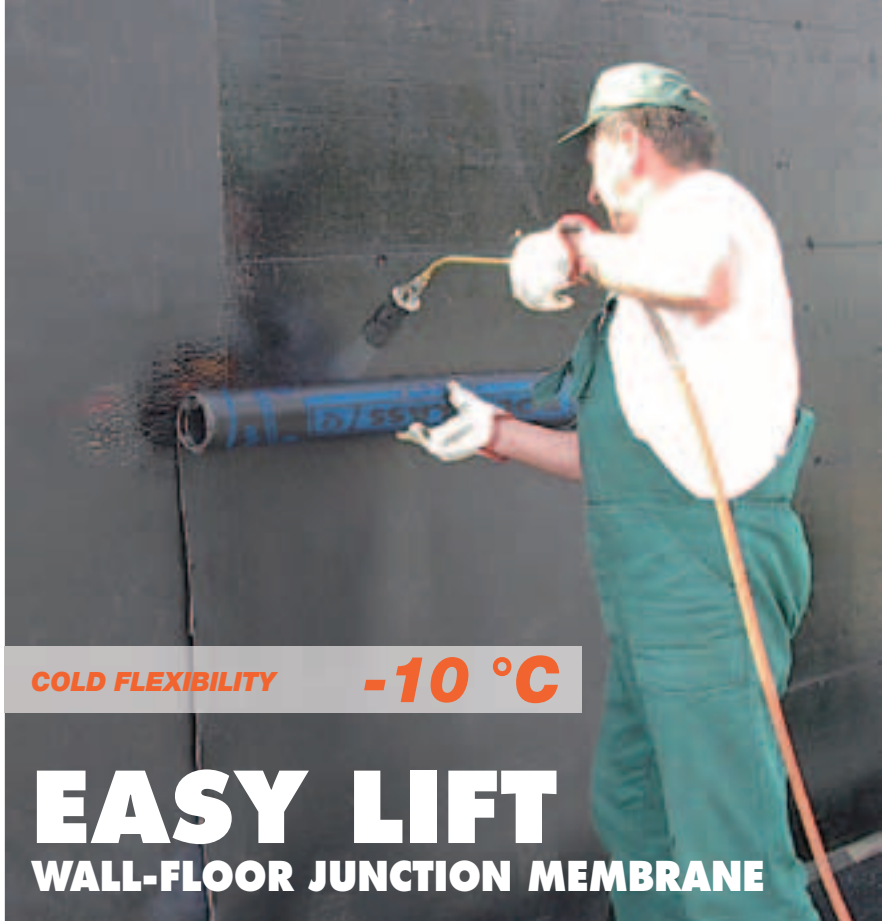
**INCREDIBLY  
LIGHTWEIGHT**  
(up to 21 kg\*)  
\*7,5 m roll



**INCREASED  
PRODUCT  
PERFORMANCE**



**EXCEPTIONALLY  
EASY TO APPLY;  
HIGHER DAILY  
OUTPUT**

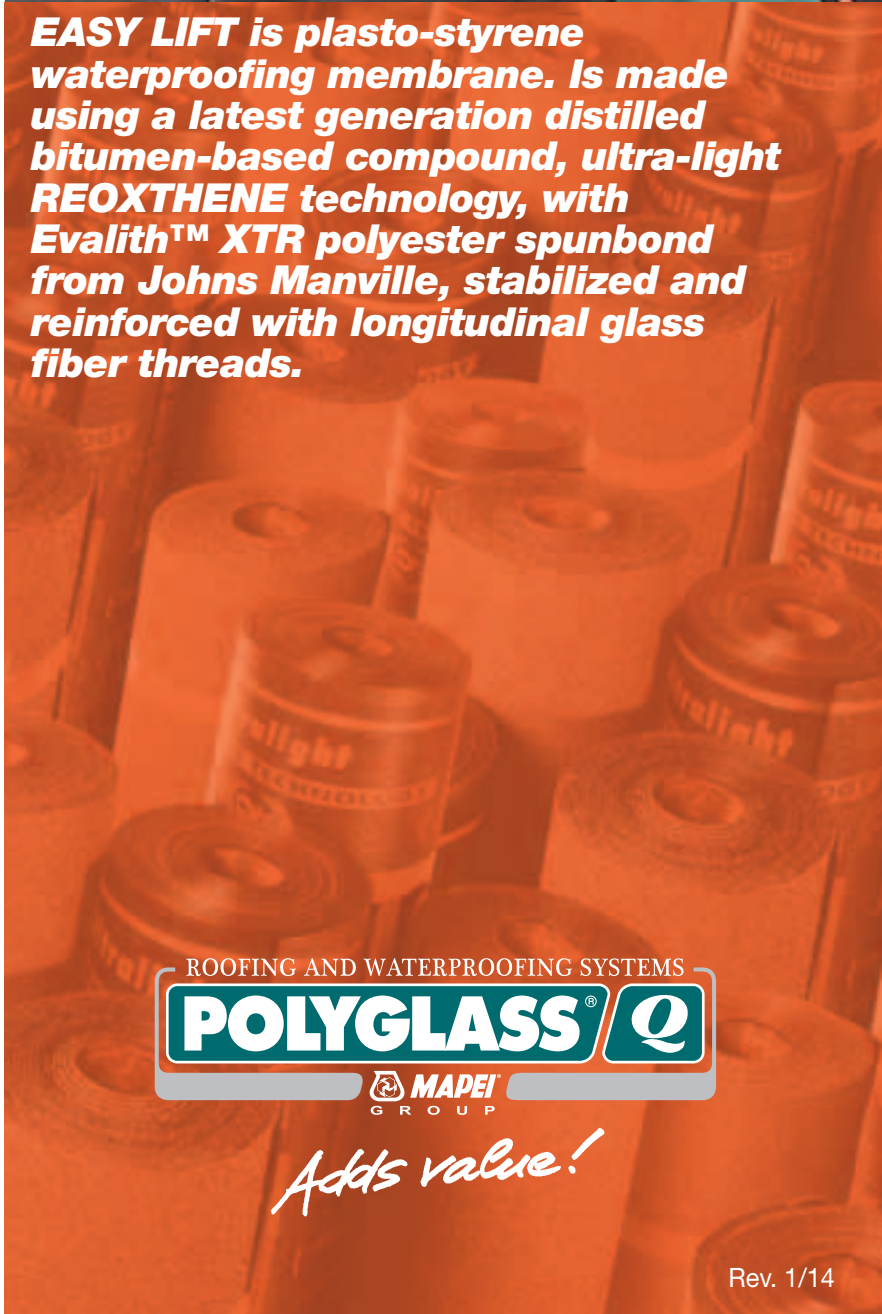


**COLD FLEXIBILITY**

**-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



*Adds value!*

# 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.



*Adds value!*

## TECHNICAL DESCRIPTION

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. 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

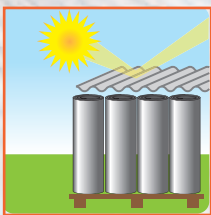
EASY LIFT is a versatile membrane provided with excellent mechanical strength, dimensional stability, and remarkable adhesion. These characteristics make EASY LIFT particularly indicated as a sealing membrane for the waterproofing of vertical walls.

## 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

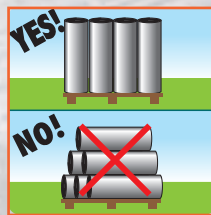
Store the product in a dry place out of direct sunlight. Never stack pallets on top of each other. Rolls must always be kept standing. Contact with solvents or organic liquids may damage the product. Avoid laying at extreme temperatures and absolutely avoid puncturing the product (by wearing shoes with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

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# TECHNICAL CHARACTERISTICS

TEST METHOD	TECHNICAL CHARACTERISTICS	UNIT OF MEASURE	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/m <sup>2</sup>	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	N/50 mm	700 (-20%)	
	Transversal	N/50 mm	500 (-20%)	
	ELONGATION AT BREAK Longitudinal	%	60 (-15)	
Transversal	%	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	N	180 (-30%)	
Transversal	N	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/m <sup>2</sup>	DIMENSIONS m
EASY LIFT	3	-	1x7,5
EASY LIFT	4	-	1x7,5

Rev. 1/14

# 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** - Apply the membrane sheet by first fastening the upper part on the wall and then proceeding downwards.

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

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

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**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 membrane in embossed HDPE) over the waterproofing membrane if necessary.

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REOXTHENE TECHNOLOGY membranes use carrier from  Johns Manville.

05/14



*Adds value!*

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