WATERPROOFING MEMBRANES

DRIVER P
DRIVER P Mineral

DRIVER P and DRIVER P MINERAL are plastomeric waterproofing membranes of good quality suitable for multilayer systems.

- *Guaranteed Quality UNI EN ISO 9001:2008 and UNI EN ISO 14001:2004*
- *Product in compliance with European Standards* (CE 1370)
- *Polyglass is a member of Green Building Council*
- *Bituminous membrane polymeric matrix ageing control* (NAT No Ageing Technology)
- *All year membranes*
- *Lateral and endlap sealing strips* (BYSTOP)
- *Easily flamed non-stick polyethylene film* (POLYFLAM Easy Torch)
- *Manufacturers of Bitumen Distillate Polymer Membranes* (MBDP)

WATERPROOFING MATERIALS AND INSULATING SYSTEMS

POLYGLASS® MAPEI GROUP

Adds value!

DEALER LINE

Rev. 0

DRIVER P
DRIVER P mineral

TECHNICAL DESCRIPTION

DRIVER P and **DRIVER P MINERAL** are plastomeric waterproofing membranes with good quality, made of a distilled bitumen-based compound modified with POLYPROPYLENE and continuous staple non-woven polyester fabric reinforced and stabilized by longitudinal glass-threads. The reinforcement fabric offers good mechanical characteristics and good elongation at break. The compound ensures remarkable characteristics of low temperature flexibility. The sophisticated technology with which these membranes is made guarantees the product's quality.

DESTINATION

PRODUCT	SINGLE LAYER		MULTI-LAYER				ROOT BARRIER	VAPOUR BARRIER	FOUNDATIONS		UNDER ROOFING TILE
			F.L.		U.L.				R.D.	G.	
	E.	U.H.P.	E.	U.H.P.	E.	U.H.P.					
3kg					•						
4 kg					•						
3 mm					•						
4 mm			•		•				•		
4 kg Mineral			•								
4,5 kg Mineral			•								
5 kg Mineral			•								

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

DRIVER P and **DRIVER P MINERAL** are versatile membranes with good mechanical strength and dimensional stability, two characteristics that make it particularly useful in multi-layer waterproofing.

APPLICATION: INSTRUCTIONS AND RECOMMENDATIONS

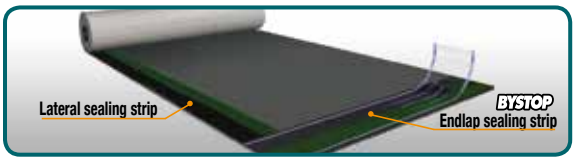
DRIVER P can be provided with its upperside covered with a talc, sand, or a non woven polypropylene fabric. Its underside is protected and faced with POLYFLAM *Easy Torch*, the special non-stick polyethylene film to be flamed during laying. In the MINERAL version, the upperside is protected by an even layer of coloured or natural mineral slate chips and features BYSTOP (patented) lateral and endlap sealing strip for easy overlapping. Support surfaces must be dry, clean, and sufficiently smooth and level. Application is made by light flaming with propane gas. Laying is quick and easy. We recommend slightly heating the roll of membrane prior to laying in winter.


Talc


Sand


A non woven polypropylene fabric

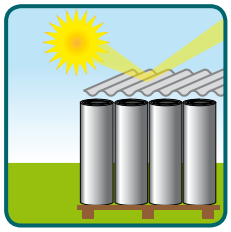
POLYFLAM *Easy Torch*



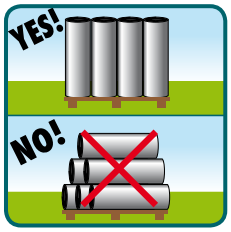
BYSTOP *(endlap)*

STOCKING

Keep the products packed in the carton box in a dry place, away from direct sunlight. Do not place the pallets, one on top of another and the rolls must always be stocked in a vertical position. The contact with solvents and organic liquids may damage the product. Avoid application if the temperature is excessively low or high, avoid stamping (shoes with crampons, small objects or sharp edges). For further information contact Polyglass SpA Technical Office.


Keep out of direct sunlight

Avoid stocking pallets without evenly distributing the load



Keep the rolls standing

Absolutely avoid puncturing the product

POLYGLASS MAPEI GROUP

TECHNICAL SPECIFICATIONS

TEST METHOD	TECHNICAL CHARACTERISTICS	UNIT OF MEASURE	DRIVER P NOMINAL VALUES	DRIVER P MINERAL NOMINAL VALUES
EN 1848-1	LENGTH	m	10 (-1%)	10 (-1%)
EN 1848-1	WIDTH	m	1 (-1%)	1 (-1%)
EN 1848-1	STRAIGHTNESS	mm/10 m	Exceeds	Exceeds
EN 1849-1	THICKNESS	mm	NPD	NPD
EN 1849-1	MASS PER UNIT AREA	kg/m²	4 (±10%)	4,5 (±10%)
EN 1928-B	WATERTIGHTNESS	kPa	Exceeds	-
EN 1928-B EN 1296	WATERTIGHTNESS AGAINST ARTIFICIAL AGEING	kPa	Exceeds	-
EN 1928-B EN 1847	WATERTIGHTNESS AGAINST CHEMICAL	kPa	Exceeds	-
EN 13897	WATERTIGHTNESS AFTER STRETCHING	%	-	-
EN 13501-5	EXTERNAL FIRE PERFORMANCE	-	F_{Roof}	F_{Roof}
EN 13501-1	REACTION TO FIRE	Euroclass	F	F
EN 12316	PEEL RESISTANCE	N/50 mm	-	-
EN 12317	SHEAR RESISTANCE	N/50 mm	-	-
EN 12311-1	TENSILE PROPERTIES MAXIMUM LOAD AT BREAK Longitudinal Transversal ELONGATION AT BREAK Longitudinal Transversal	 N/50 mm N/50 mm % %	 450 (-20%) 300 (-20%) 35 (-15) 40 (-15)	 450 (-20%) 300 (-20%) 35 (-15) 40 (-15)
EN 12691-A	RESISTANCE TO IMPACT	mm	≥700	≥700
EN 12730-A	RESISTANCE TO STATIC LOADING	kg	≥10	≥10
EN 12310-1	RESISTANCE TO TEARING Longitudinal Transversal	 N N	 130 (-30%) 130 (-30%)	 130 (-30%) 130 (-30%)
EN 1107-1	DIMENSIONAL STABILITY	%	≤-0,3	≤-0,3
EN 1108	FORM STABILITY UNDER CYCLIC TEMPERATURE CHANGE	%	-	-
EN 1109	COLD FLEXIBILITY	°C	≤0	≤0
EN 1110	FLOW RESISTANCE AT ELEVATED TEMPERATURE	°C	≥110	≥110
EN 1110 EN 1296	ARTIFICIAL AGEING BEHAVIOUR (FLOW RESISTANCE)	°C	-	-
EN 1297	ARTIFICIAL AGEING BEHAVIOUR (VISIBLE DEFECTS)	-	-	Pass
EN 12039	ADHESION OF GRANULES	%	-	≤30%
EN 1931	WATER VAPOUR PROPERTIES	μ	20000	20000
EN 1850-1	VISIBLE DEFECTS	-	ABSENT	ABSENT

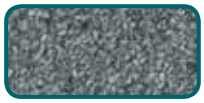
Thickness and weight parameters are indicative only for Italian market.
In compliance with EN 13707 products standards (layers for roofing) and EN 13969 TYPE T products standards (layers for foundations).

DIMENSIONS - PACKAGING

PRODUCT	THICKNESS mm	WEIGHT kg/m²	DIMENSIONS m
DRIVER P	-	3	1x10
DRIVER P	-	4	1x10
DRIVER P	3	-	1x10
DRIVER P	4	-	1x10
DRIVER P Mineral (Grey)	-	4	1x10
DRIVER P Mineral (Other colors)	-	4	1x10
DRIVER P Mineral (Grey)	-	4,5	1x10
DRIVER P Mineral (Other colors)	-	4,5	1x10
DRIVER P Mineral (Grey)	-	5	1x8
DRIVER P Mineral (Other colors)	-	5	1x8

AVAILABLE COLOURS

Upperside protected with coloured mineral slate chips:


Grey


Green


Red


White


Brown

Considering the various situations of use, the numerous types of support surfaces and the possibilities for use inside COMPLEX WATERPROOF LAYERING, Polyglass SpA cannot assume any liability for damages derived from the product's results in terms of function or aesthetics.


FLAT ROOF WITH PEDESTRIAN ACCESS


FLAT ROOF WITH LIMITED ACCESS


PROFILED METAL DECKS


INDUSTRIAL SAWTOOTH ROOFS


CURVED ROOFS


PITCHED ROOFS


FOUNDATIONS


UNDERGROUND CAR PARK


RAISED CAR PARK


ROOF GARDENS


BRIGDES AND VIADUCTS


RESERVOIRS AND CANALS


GALLERY AND TUNNEL


RENEWAL WATERPROOFING CONVERING ONLY
RELINING WITH INSULATING MATERIAL
SPECIAL RE-ROOFING WORK

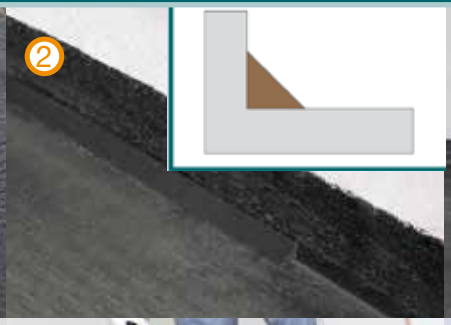

DETAILS


SPECIAL ROOFS

POLYGLASS Q
MAPEI GROUP

WATERPROOFING MEMBRANES

APPLICATION METHOD



1. Treat the area to be waterproofed with bituminous primer (POLYPRIMER HP 45 Professional).
2. Position the “Bordangolo” near the horizontal-vertical joint.
3. Completely strip away the product identification tape.
4. In the colder months, we recommend heating up the roll of membrane before applying it.
5. Position and apply the sheet by flaming its bottom surface.
6. Pull the sheet up to a certain height against vertical surfaces.
7. Apply the second sheet with adequate overlapping.
8. Lay the second layer by overlapping. Do not cross the sheets.
9. Roll the overlapping areas using the special pressing roller.
10. Example of internal corner.
11. Example of external corner.
12. Example of vent pipe.

WATERPROOFING MATERIALS AND INSULATING SYSTEMS

POLYGLASS® Q

MAPEI GROUP

Adds value!

POLYGLASS SPA
Registered Office: Viale Jenner, 4 - 20159 MILANO
Head Office: Via dell'Artigianato, 34 - 31047 Ponte di Piave (TV) - Italy
Tel. +39 04227547 - Fax +39 0422854118 - www.polyglass.com - info@polyglass.it

03/13