



Technical Data Sheet

POLYBOND EXTRA/EXTRA MINERAL

**POLYBOND EXTRA SAND/MAC ; SAND/SAND; SAND/TORCH
POLYBOND EXTRA MINERAL SL/TORCH ; SL/MAC; SL/SAND**

DESCRIPTION

POLYBOND EXTRA/POLYBOND EXTRA MINERAL are plastomeric waterproofing membranes with outstanding performance, made of a latest generation distilled bitumen-based compound modified with POLYPROPYLENE and continuous thread non-woven polyester fabric, with elevated basic weight reinforced and stabilized by longitudinal glass fibre.

The special type of compound and elevated mechanical characteristic of the fabric (excellent elongation, remarkable tensile strength) suit these membranes to the heaviest use. The compound's special formula grants unique flexibility also at low temperatures (cold flexibility -15°C).

The product is available in smooth and mineral version; the underside is available with sand, torch and with a special perforated polyethylene film as well.

DESTINATION

POLYBOND EXTRA/POLYBOND EXTRA MINERAL can be used as the cap sheet or torch-on underlays as part of a built-up system.

APPLICATION

POLYBOND EXTRA/POLYBOND EXTRA MINERAL must always be installed on clean, dry and solid substrates which have been primed with POLYPRIMER HP 45 or IDROPRIMER. Then apply the desired underlayer and over it unroll **POLYBOND EXTRA/POLYBOND EXTRA MINERAL** applying it by torch. **POLYBOND EXTRA/POLYBOND EXTRA MINERAL** can also be applied in refurbishment project on existing membranes after a proper evaluation of the support and its integrity.

TECHNICAL SPECIFICATIONS

TEST METHOD	TECHNICAL CHARACTERISTICS	UNITS	NOMINAL VALUES
EN 1848-1	THICKNESS	mm	4 mm(+/-5%)
EN 13501-5	EXTERNAL FIRE PERFORMANCE	Classe	Broof t1
EN 11925-2	REACTION TO FIRE	Classe	NPD
EN 1928-B	WATERTIGHTNESS	kPa	PASS
EN 12311-1	TENSILE STRENGTH (longitudinal / transversal)	N/50 mm	600 x 500 (+/-20%)
EN 13948	ROOT RESISTANCE	-	NPD
EN 12730	RESISTANCE TO STATIC LOADING	L	L15
EN 12691	RESISTANCE TO IMPACT (method A)	mm	≥ 900
EN 12310-1	RESISTANCE TO TEARING (longitudinal / transversal)	N	≥ 130
EN 12316 EN 12317	JOINT STRENGTH Peel resistance of joints Shear resistance of joints	N/50 mm N/50 mm	NPD NPD
EN 1110 EN 1296	DURABILITY Flow resistance at elevated temperature PLIABILITY DURABILITY (after QUV test) Visible defects	°C °C -	≥ 110 ≤ 0 PASS
EN 1109	PLIABILITY	°C	≤ -15
	DANGEROUS SUBSTANCES	-	NPD ¹

Note 1: This product does not contain asbestos or tar constituents.

PACKAGING

PRODUCT NAMES	LENGTH	ROLLS/PT
POLYBOND EXTRA 4mm SAND/MAC	8 m	25
POLYBOND EXTRA 4mm SAND/SAND	10 m	23
POLYBOND EXTRA 4mm SAND/ TORCH	10 m	23
POLYBOND EXTRA MINERAL 4,5kg FINE BLACK SL/T	8 m	25
POLYBOND EXTRA MINERAL 4,5kg GREY SL/MAC	8 m	25
POLYBOND EXTRA MINERAL 4,5kg GREY SL/SAND	10 m	20
POLYBOND EXTRA MINERAL 4,5kg GREY SL/T	10 m	20

STORAGE

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.

Polyglass S.p.A April 18th 2018

Signed by CEO:

Ing. P. Ciferri



POLYGLASS SPA reserves the right to make any and all modifications required for the ongoing perfection of the product without notice.



POLYGLASS SPA

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