

PRODUCT DESCRIPTION

XTRABIT 5 P and XTRABIT 5 P MINERAL are waterproof plastomeric membranes capable of offering excellent performance. They are made from a polypropylene-modified distilled bitumen compound and a polyester staple-fibre nonwoven carrier reinforced and stabilized with glass strands parallel to the machine direction.



INTENDED USE ACCORDING TO EU STANDARDS

PRODUCT	SINGLE LAYER		MULTI LAYERS				ANTI-ROOT	VAPOUR BARRIER	FOUNDATIONS		UNDERFOOTING TILES
	E	UHP	FL		UL				RD	G	
			E	UHP	E	UHP					
3 mm					✓	✓			✓		
4 mm					✓	✓			✓		
4 kg Mineral			✓								

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

XTRABIT 5 P and XTRABIT 5 P MINERAL are membranes featuring good mechanical properties and high dimensional stability. They are particularly suitable for both residential/commercial and industrial waterproofing applications and for waterproofing any buildings requiring qualities of this kind.

TYPES OF FINISH

XTRABIT 5 P can be produced with their top side covered with talc or sand or a light polypropylene nonwoven, while the underside is protected and covered with a special non-stick polyethylene film to be burnt off during application.

XTRABIT 5 P MINERAL is faced with an even layer of natural slate chippings and has selvages for both side laps and end laps.

APPLICATION: INSTRUCTIONS AND RECOMMENDATIONS

The surfaces to be waterproofed must be dry, clean and sufficiently smooth and level. The fully-adhered application involves lightly torching with a propane gas torch.

The product is quick and easy to install. Keep the product in a dry place out of sunlight. Do not stack pallets on top of each other and, in any case, store the rolls upright.

Contact with solvents or organic liquids can damage the product.

We recommend applying the membrane when the temperature is in the +5 °C to +35 °C range and, in any case, when weather conditions are favourable and rain is not imminent.

During the winter months or when the season is changing, please be extra careful when rolling out the membranes: the inner part of the roll (last few metres) will be colder and is under greater strain during unrolling, making it prone to break.

We recommend applying an adhesion-promoting primer (solvent- or water-based bituminous primer) to help the membrane stick to the concrete substrate.

STOCKING

Keep the product in a dry place out of sunlight. Do not stack pallets without placing a suitable load spreader between them.

Keep the rolls upright.

Contact with solvents or organic liquids can damage the product.

Do not install with excessively high or low temperatures and, whatever the case, be careful not to puncture the product in any way (footwear with spikes or studs, leaving anything with a small surface area sitting on top, sharp objects).

TECHNICAL SPECIFICATIONS

TEST METHOD	TECHNICAL CHARACTERISTICS	UNIT OF MEASURE	NOMINAL VALUES	NOMINAL VALUES		
EN 1848-1	LENGTH	m	≥10	≥10		
EN 1848-1	WIDTH	m	±1	±1		
EN 1848-1	STRAIGHTNESS	mm/10 m	Exceeds	Exceeds		
EN 1849-1	THICKNESS	mm	3 (-0,3)	NPD		
EN 1849-1	MASS PER UNIT AREA	kg/m ²	NPD	4 (±10%)		
EN 1928-B	WATERTIGHTNESS	kPa	Exceeds	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	%	NPD	NPD		
EN 13501-1	REACTION TO FIRE	Euroclass	F	F		
EN 13501-5	EXTERNAL FIRE PERFORMANCE	-	FRoof	FRoof		
EN 12316	PEEL RESISTANCE	N/50 mm	-	-		
EN 12317	SHEAR RESISTANCE	N/50 mm	-	-		
EN 12311-1	TENSILE PROPERTIES		XTRABIT 5 P	XTRABIT 5 P MINERAL		
	MAXIMUM LOAD AT BREAK					
	Longitudinal	N/50 mm			400 (-20%)	400 (-20%)
	Transversal	N/50 mm			300 (-20%)	300 (-20%)
EN 12691-A	ELONGATION AT BREAK		XTRABIT 5 P	XTRABIT 5 P MINERAL		
	Longitudinal	%			35 (-15)	35 (-15)
	Transversal	%			35 (-15)	35 (-15)
	EN 12691-A	RESISTANCE TO IMPACT			mm	≥400
EN 12730-A	RESISTANCE TO STATIC LOADING	kg	≥10	≥10		
EN 12310-1	RESISTANCE TO TEARING		XTRABIT 5 P	XTRABIT 5 P MINERAL		
	Longitudinal	N			150 (-30%)	150 (-30%)
	Transversal	N	150 (-30%)	150 (-30%)		
EN 1107-1	DIMENSIONAL STABILITY	%	±0,3	±0,3		
EN 1108	FORM STABILITY UNDER CYCLIC TEMPERATURE CHANGE	mm	-	-		
EN 1109	COLD FLEXIBILITY	°C	≤-5	≤-5		
EN 1110	FLOW RESISTANCE AT ELEVATED TEMPERATURE	°C	±110	±110		
EN 1110 EN 1296	ARTIFICIAL AGEING BEHAVIOUR (FLOW RESISTANCE)	°C	±100	±100		
EN 1297	ARTIFICIAL AGEING BEHAVIOUR (VISIBLE DEFECTS)	-	Exceeds	-		
EN 12039	ADHESION OF GRANULES	%	-	±30		
EN 1931	WATER VAPOUR PROPERTIES μ	-	20000	20000		
EN 1850-1	VISIBLE DEFECTS	-	Absent	Absent		

In compliance with EN 13707 products standards (layers for roofing) and EN 13969 TYPE T products standards (layers for foundations).



TORCH ON MEMBRANE

XTRABIT 5 P

XTRABIT 5 P MINERAL



MODIFIED DISTILLED BITUMEN MEMBRANE - TDS



DIMENSIONS - PACKAGING

PRODUCT	THICKNESSE mm	WEGHT kg/ m ²	DIMENSIONS m
XTRABIT 5 P	3	-	1x10
XTRABIT 5 P	4	-	1x10
XTRABIT 5 P MINERAL Grey	-	4	1x10

AVAILABLE COLOURS

Upperside protected with colored mineral slate chips: **Grey.**

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