

Technical Data Sheet Parabase 3kg

Product Description / Use:

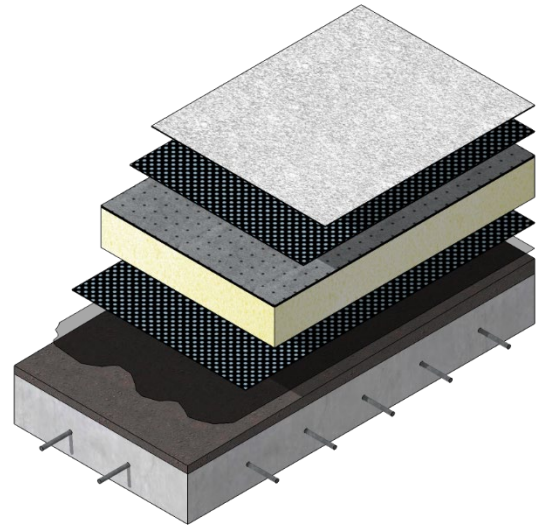
Parabase 3kg is a prefabricated waterproofing membrane, manufactured by the coextrusion of a plastomeric bitumen compound with a glass-fibre reinforcement within the membrane.

It's primarily used as an air and vapour control layer (AVCL) within a built-up warm roof, subject to the building use below. Buildings with high humidity conditions will require a foil faced vapour barrier (Sticker Helast VB 500 or Elotene DSN), or one with a foil lining within the membrane, like Vapobar 1 torch applied or Sticker Sanded AL (Foilcore), self-adhesive AVCL.

Both the upper surface and the underside are covered by the "Termotene" treatment for a safer and more economical lay-out.

Parabase 3kg must be used with the appropriate MOY Bitumen Primer. Side and end joints should be appropriately lapped and torch bonded.

Parabase contains no asbestos, tar or other dangerous substances.



Certification:



System Fire Testing:

Classification Standard BS EN 13501-5: 2016

Test Standard: CEN/TS 1187:2012

Determination of external fire performance is a system test which will be influenced by the components within the roofing system.

Whilst Parabase 3kg may be included in compliant B_{ROOF (t4)} systems, always check with MOY Technical Services for the very latest information on fire testing carried out.



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Technical Specification:

Characteristics ⁽¹⁾	EN/SIST Norms	Units	Tolerances ⁽¹⁾	Parabase 3kg
Rolls size	1848-1	m	≥	15 x 1 (-1%)
Mass per unit area	1849-1	kg/m ²	±10 %	3
Standard colour				Black
Watertightness	1928-B	kPa	≥	60
Flexibility at low temperature	1109	°C	≤	0
Flow resistance at elevated temperature	1110	°C	≥	120
Tensile properties: maximum tensile force	12311-1	N/5cm	±100	350 / 250
Tensile properties: elongation	12311-1	%	± 15 ⁽²⁾	2 / 2
Dimensional stability	1107-1	%	≤	-
Resistance to static loading	12730	kg	≥	NPD ⁽⁴⁾
Resistance to impact	12691	mm	≥	NPD ⁽⁴⁾
Resistance to tearing (nail shank)	12310-1	N	±30%	NPD ⁽⁴⁾
Peel resistance of the joint	12316-1	N/5cm	±20	NPD ⁽⁴⁾
Shear resistance of the joint ⁽³⁾	12317-1	N/5cm	±20%	NPD ⁽⁴⁾
Artificial ageing by long term exposure to UV radiation (EN 1297)	1850-1	-	-	Pass
Artificial ageing by long term exposure to elevated temperature (EN 1296)				
- Flexibility at low temperature	1109	°C	+15°C	-
- Flow resistance at elevated temperature	1110	°C	-10°C	120
Artificial ageing by long term exposure to UV/ elevated temperature (EN 1296-1297)				
- Tensile properties: maximum tensile force	12311-1	N/5cm	±100	300 / 200
- Tensile properties: elongation	12311-1	%	± 15 ⁽²⁾	2 / 2
- Watertightness	1928	kPa	≥	60
Chemical resistance	1847-1928	-	-	NPD ⁽⁴⁾
Moisture resistance factor	1931	μ	-	109,600
Vapour resistance	1931	MN.s/g	-	1,179
Water vapour diffusion – equivalent air layer thickness Sd	1931	m	-	236
Resistance to root penetration	LG Aispec		-	NPD ⁽⁴⁾
External fire exposure	13501-5	EC ⁽⁵⁾	-	NPD ⁽⁶⁾
Reaction to fire	13501-1	EC ⁽⁵⁾	-	F

Notes:

- (1) In conformity with the applicable norms and the Guidelines AISPEC-MBP.
- (2) ±2 for glass tissue reinforcement.
- (3) Declared value or break outside of the joints.
- (4) "No performance determined" as not relevant for intended use.
- (5) European classification
- (6) Determination of external fire performance is a system test which can be influenced by system components, thus performance for each individual product cannot be given.

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Delivery form:

Rolls.

Storage:

Rolls must be stored in their original package, in vertical position and under cool and dry conditions between temperatures of +5 °C and +35 °C. They must be protected from direct sunlight, rain, snow and ice.

Shelf life:

They can be stored for up to 24 months in cool, dry conditions.

Safety:

Safety precautions to be taken when using this product are given in the Safety Data Sheet.

Disposal:

Information for this product is given in the Safety Data Sheet.