

Product Technical Information

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GRAVIFLEX

DESCRIPTION

High performance reinforced SBS elastomeric bitumen sheet with root-inhibiting additive and mineral finished surface for waterproofing works.

This product is specifically for use as:

- Top layer of a two-layer waterproofing system for roof gardens and multi-use flat roofs
- Top layer of a two-layer waterproofing system for foundations walls and below ground structures.

It can be also used for miscellaneous works.

In either case, this product must be used in accordance with the relevant technical specifications.



COMPOSITION

Main surface	Slate flakes (colour: light grey).
Longitudinal overlap surface	Scarified thermo-fusible film
Blend	Fillerized SBS (Styrene-Butadiene-Styrene) elastomeric bitumen with root-inhibiting additive
Reinforcement	Non woven polyester 180gr/m ²
Back surface	Thermo-fusible film

DIMENSIONAL CHARACTERISTICS

	Nominal value
Thickness on the longitudinal selvage (mm)	3,2
Thickness on the main surface (for information only) (mm)	4,0
Roll length and width (m)	8x 1

PERFORMANCES

KIND OF TEST	Reference Norm	Units	Nominal values
Tensile strength at max	EN 12 311-1	N/50mm	850 x 600
Elongation at max	EN 12 311-1	%	40 x 49
Nail tearing resistance	EN 12 310-1	N	≥ 200 x 220
Cold temperature flexibility	EN 1109	°C	≤ - 20
Heat flow test	EN 1110	°C	≥ 100
Dimensional stability	EN 1107-1	%	≤ - 0,5
Static puncture resistance	EN 12730 A and B	kg	20
Dynamic puncture resistance	EN 12961 A	mm	800
	EN 12961 B	mm	1500
Waterproofing	EN 1928	-	Pass
Resistance to roots penetration	EN 13984	-	Pass

ISO 9001 REFERENCE DOCUMENT

Our company has been awarded the ISO 9001 certificate for all its establishments in France.

Our company reserves the right to modify its composition as a result of technological and experimental improvements.

To obtain the up-date technical data sheet, please contact Siplast



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PACKAGING

COLOURS	Schist light 1
Rolls quantity per truck pallet	24
Rolls quantity per container pallet	27
Rolls quantity per wooden box	25
Nominal weight / m ² (kg/m ²)	5.00
Nominal weight / roll (kg)	40

GENERALITIES ABOUT APPLICATION

Using	The generalities about the product using are set out in the ZSA STANDARD
Application	The generalities about the product application are set out in the ZTA STANDARD
Overlaps	Current building practices concerning overlaps are set out in the ZRA STANDARD
Slopes	Current building practices concerning slopes are set out in the ZPA STANDARD

COMPLEMENTARY INFORMATIONS

Values	Where 2 values for given characteristics are shown, the first is for longitudinal direction and the second is for the cross direction.
Tolerances	The average values derived from standard tests and are subject to the usual production variations. The indicated average values comply with the UEAtc standard and project EN 13707. The nominal value tolerances comply with the UEAtc standards.
Modification(s)	Our company reserves the right to modify its composition as a result of technologic and experiments improvements. This product data sheet supersedes the previous edition, to obtain the up-date technical data sheet, please contact our technical department.
Hazardous classification	It is not classified as dangerous according to the international regulation (ADR, RID, IATA, et RTMDR)
Complementary information	This product is only a product technical data sheet, regarding each waterproofing design, please, consult the concerned technical agreement and in case of doubt contact our technical department.
Storage	This product is packaged in rolls set up vertically on pallet or wooden box. It must be stored vertically under shelter, away from heat sources.