

MORTERPLAS SBS FP-S 4,8 KG

MORTERPLAS SBS FP-S 4,8 KG is an SBS elastomeric bitumen-based waterproofing membrane, with high weight polyester felt (FP) reinforcement, and finished on both sides with thermofusible film.

ADVANTAGES

- MORTERPLAS SBS FP-S 4,8 KG is manufactured with an SBS elastomeric compound, which confers excellent low temperature pliability to the membrane.
- The high weight punched and stable, non-woven polyester felt (FP) reinforcement confers the best mechanical properties to the membrane:
 - High tensile strength.
 - Maximum puncturing strength (static and dynamic).
 - Great tear strength.
 - Good dimensional stability.

APPLICATION

- MORTERPLAS SBS FP-S 4,8 KG is mainly applied in a single-ply system, on roofs with a pitch exceeding 1%.
- Also underground structures, retaining walls, buried walls waterproofing

REGULATIONS

- The product is CE marked according EN 13707. Holds the certificate N° 0099/CPD/A85/0087
- Quality Management System according to the requirements of ISO 9001:2008 standard

INSTALLATION

- **SUBSTRATE:** The surface receiving the membrane must be dry, firm, even, clean and free from loose materials.
- The membrane can be applied either fully bonded or loose-laid.
- Prior to adhering the membrane to the substrate, the latter must be primed with either EMUFAL I, EMUFAL L or PIBIAL.
- Once dry, the membrane is torched on.
- Overlaps are flame-bonded, with minimum 8-cm width.
- Installation method and details must follow the recommendations of the UNE 104401 standard.

PACKAGING AND STORAGE

	MORTERPLAS SBS FP-S 4,8 Kg
Kg/m ²	4,8 -5/+10%
Length (m)	8
Width (m)	1
m ² /roll	8
m ² /pallet	216

Storage: Upright on pallet. Store in original packaging in a dry and cool place, protected against weathering.

TECHNICAL PROPERTIES

CHARACTERISTICS	Test Method	Unit	MORTERPLAS SBS FP-S 4,8 KG
External fire behaviour	ENV 1187	-	Broof(t1)
Fire reaction	EN 13501-1:2002 (EN ISO 11925-2)	-	E
Watertightness	EN 1928:2000 (B)	-	Pass (10 kPa)
Maximum tensile strength (L x T)	EN 12311-1	N/50 mm	900 ± 250 650 ± 250
Elongation (L x T)	EN 12311-1	%	45 ± 15 45 ± 15
Root penetration resistance	EN 13948	-	NE
Static load resistance	EN 12730 (A)	kg	≥ 15
Impact resistance	EN 12691:2006	mm	≥ 1000
Tear strength (nail) (L x T)	EN 12310-1	N	NE
Joint peel resistance	EN 12316-1	N/50 mm	NE
Joint shear resistance (L x T)	EN 12317-1	N/50 mm	650 x 650 ± 250
Artificial ageing by long-term exposure to high temperature	EN 1296 12 sem/weeks	EN 1109 / 1110	NE
Artificial ageing by long term exposure to the combination of UV radiation, high temperature and water	EN 1297	EN 1850-1	NE
Flexibility at low temperature	EN 1109	°C	≤ -15
Hazardous substances	--	--	PND

OTHER FEATURES

OTHER CHARACTERISTICS	Test Method	Unit	Value
Visible defects	EN 1850-1	-	Pass
Straightness	EN 1848-1	-	Pass (<20 mm/10 m)
Compound per area unit	EN 1849-1	kg/m ²	4,80 -5/+10%
Thickness	EN 1849-1	mm	-
Thickness in overlap	EN 1849-1	mm	-
Watertightness after stretching at low temperature	EN 13897	%	--
Dimensional stability	EN 1107-1	%	≤ 0,4
Form stability under cyclic temperature change	EN 1108	mm	NE
High temperature flow resistance	EN 1110	°C	≥ 100
Granule adhesion	EN 12039	%	NE
Water vapour transmission properties	EN 1931	μ	20000

TEXSA SYSTEMS SLU reserves the right to modify the information contained herein without prior notice and declines all liability in cases of errors produced due to inappropriate use of the product. The values shown in the technical sheet are the mean values from tests in our lab.