



-25°C

ISRANOVA GOLD MINERAL M SBS 4

Rev. 1 del 01/07/2013

DESCRIPTION ISRANOVA GOLD MINERAL M SBS 4 is a elastomeric modified bitumen waterproofing membrane (SBS), industrially manufactured by impregnation of the nonwoven spunbond polyester reinforcement with the waterproofing compound based on distilled bitumen modified with polyolefin polymers, which gives to the compound superior technical characteristics. Shaping of sheets, straightness, dimensional and surface uniformity are accomplished by hot calendaring of the mass at hot melt fluid state. It is a self-protected membrane. The upper surface is coated with coloured slate chips and selvedge slate free at one side for easy welding overlap. The lower surface is coated with a thermo-fusibile polyolefin film.

FIELD OF APPLICATION ISRANOVA GOLD MINERAL M SBS 4 is particularly suitable as principal layer in multi-layer waterproofing systems, with compatible membranes. General roofing, foundations, on or under floors or ground slabs, wall constructions, under tiles, are valid examples of the design application of this product. It is not suitable for roof gardens. It can be applied onto every substrate (concrete, masonry, steel, wood, insulation panel, membrane, etc.) and under heavy protection. The excellent mechanical characteristics and high level thermo-dynamic stability make it suitable for any climate conditions and all the situations where a barrier against water is required.

METHOD OF INSTALLATION The excellent thermoplastic properties of the waterproofing compound allow the application with torch-on system or hot air generator. In particular situations, it could be applied with appropriate sealants or mechanical fastenings. The application of the membrane must be carried in good weather conditions and after the substrate has been adequately cleaned and prepared.

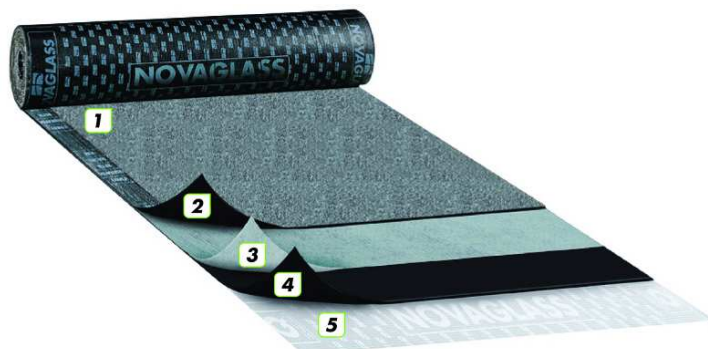
PACKING AND STORAGE The product is packed as standing rolls on wooden pallets wrapped with thermoshrinking protective hoods. Rolls must be stored in the upright position, without stacking the pallets to avoid deformations which can compromise the correct application of the membrane. The product must be stored indoor, protected from heat and frost.

DISPOSAL The product does not contain dangerous substances and can be considered as household rubbish or industrial waste (identification code EWC170302).

INTENDED USE OR USES Roofing sheets: Modified bitumen sheets reinforced with non-woven polyester or other fibers for use by welding

SI 1430 p.3

1. Mineral protection
2. Waterproofing mass
3. Reinforcement
4. Waterproofing mass
5. Torch-off film



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TECHNICAL NOTES: For further information refer to general laying instruction guide of technical documentation

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TECHNICAL DATA

	Norm	Value	Unit	Tolerance
Lenght of sheet	SI 1430p.3 P 2.3.1	10	(m)	≥ 99%
Width of sheet	SI 1430p.3 P 2.3.2	1	(m)	≥ 99%
Thickness on the sanded surfaces	SI 1430p.3 P 2.3.3.2	4,2	(mm)	≥
Thickness of bitumen above the reinforcement layer	SI 1430p.3 P 2.3.4	1,0	(mm)	≥
Thickness of bitumen below the reinforcement layer	SI 1430p.3 P 2.3.4	1,2	(mm)	≥
Low temperature flexibility	SI 1430p.3 P 2.6	-25	(°C)	≤
High temperature resistance	SI 1430p.3 P 2.7	115	(°C)	≥
Resistance to static puncture	SI 1430p.3 P 2.10	250	(N)	≥
Tear resistance	SI 1430p.3 P 2.5	130	(N)	≥
Tensile shear strenght of the joint	SI 1430p.3 P 2.11.2	500	(N/50 mm)	≥
		M.d. C.d.		
Dimentional stability at 80°C	SI 1430p.3 P 2.8	±0,5 / ±0,5	(%)	≤
Maximum tensile load	SI 1430p.3 P 2.4	700 / 650	(N/50 mm)	≥
Elongation at maximum load	SI 1430p.3 P 2.4	35 / 35	(%)	≥
Determination of adhesion of granules (Loss)	EN12039:1999	PASSED	(%)	<30

NORMS AND CERTIFICATIONS

SI 1430 p.3 - 18487



Single layer



Top layer

Damp proof
courses