

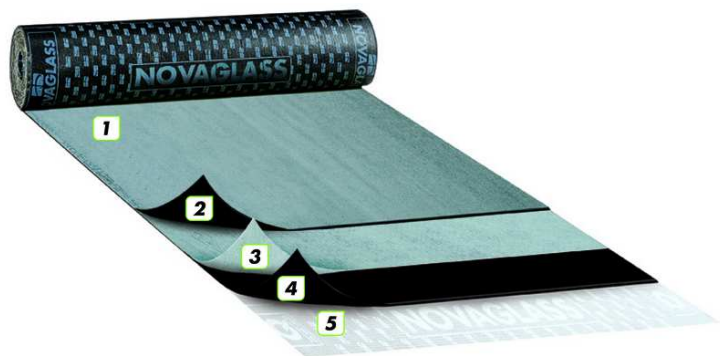
# ISRANOVA GOLD M SBS 4

Rev. 1 del 01/07/2013

<b>DESCRIPTION</b>	ISRANOVA GOLD 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 calendering of the mass at hot melt fluid state. The upper surface is coated with anti-adhesive amorphous sand. The lower surface is coated with a thermo-fusibile polyolefin film.
<b>FIELD OF APPLICATION</b>	ISRANOVA GOLD M SBS 4 is a high performance membrane. It is particularly suitable as principal layer in multi-layer waterproofing systems, with compatible membranes; it is very appropriate where the substrate undergoes significant and frequent movements. General roofing, vehicles parking roofs, foundations, on or under floors or ground slabs, wall constructions, water tanks, tunnels 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, corrugated steel decks, tension structures, pre-cast concrete roofs, 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, particularly cold climates, and all the situations where a barrier against water is required.
<b>METHOD OF INSTALLATION</b>	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.
<b>PACKING AND STORAGE</b>	The product is packed as standing rolls on wooden pallets wrapped with thermoshinking 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.
<b>DISPOSAL</b>	The product does not contain dangerous substances and can be considered as household rubbish or industrial waste (identification code EWC170302).
<b>INTENDED USE OR USES</b>	Roofing sheets: Modified bitumen sheets reinforced with non-woven polyester or other fibers for use by welding

SI 1430 p.3

1. Anti-adhesive surface
2. Waterproofing mass
3. Reinforcement
4. Waterproofing mass
5. Torch-off film



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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	(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	(%)	≥

## NORMS AND CERTIFICATIONS

SI 1430 p.3 - 18487



Single layer



Top layer



Damp proof courses