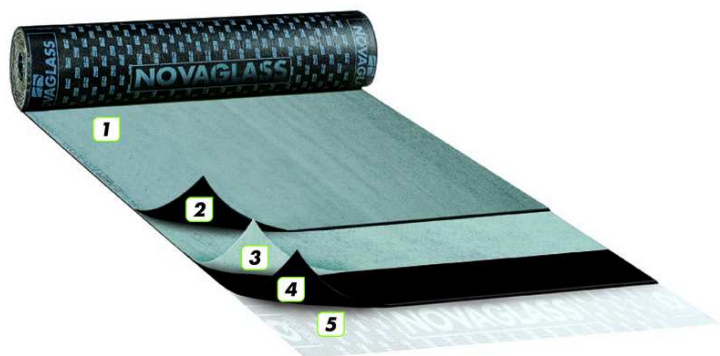


ISOROOF-SBS

Rev. 1 del 01/07/2013

DESCRIPTION	<p>ISOROOF SBS is a elastomeric modified bitumen waterproofing membrane (SBS), industrially manufactured by impregnation of the fiberglass reinforcement with the waterproofing compound based on distilled bitumen modified with elastomeric polymers, which gives to the compound high technical characteristics.</p> <p>Shaping of sheets, straightness, dimensional and surface uniformity are accomplished by hot calendering of the mass at hot melt fluid state.</p> <p>The upper surface is coated with anti-adhesive amorphous sand. The lower surface is coated with a thermo-fusibile polyolefin film.</p>	
FIELD OF APPLICATION	<p>ISOROOF SBS is particularly suitable as under layer and as intermediate layer in multi-layer waterproofing systems, with compatible membranes.</p> <p>General roofing, on or under floors or ground slabs, wall constructions, 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.).</p> <p>The 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.</p>	
METHOD OF INSTALLATION	<p>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.</p> <p>The application of the membrane must be carried in good weather conditions and after the substrate has been adequately cleaned and prepared.</p>	
PACKING AND STORAGE	<p>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.</p>	
SPECIAL INDICATIONS	<p>SAFETY INFORMATION</p> <p>The product does not contain dangerous substances and can be considered as household rubbish or industrial waste (identification code EWC170302).</p>	
INTENDED USE OR USES	<p>Flexible sheets for waterproofing. Reinforced bitumen sheets for roof waterproofing</p> <p>Flexible sheets for waterproofing. Bitumen damp proof sheets including bitumen basement tanking sheets</p>	<p>Under layer EN13707:2013</p> <p>EN13969:2004 /A1:2006</p>

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
Thickness	EN1849-1:1999	1,7-2-2,5-3	(mm)	±0,2
Roll length	EN1848-1:1999	10-15	(m)	-1%
Roll width	EN1848-1:1999	1	(m)	-1%
Straightness	EN1848-1:1999	PASSED	-	20 mm / 10 m
Flexibility at low temperature (pliability)	EN1109:2013	-15	(°C)	≤
Heat flow resistance	EN1110:2010	90	(°C)	≥
Watertightness	EN1928-B:2000	100	(kPa)	≥
Water vapour transmission properties	EN1931:2000	93.000	(μ)	-
M.d. C.d.				
Tensile properties: maximum tensile strength	EN12311-1:1999	400 / 250	(N/50 mm)	-20%
Tensile properties: elongation at break	EN12311-1:1999	2 / 2	(%)	≥
Resistance to tearing (nail shank)	EN12310-1:1999	100 / 100	(N)	-30%
External fire performance	EN1187:2012/EN13501-5:2005+A1:2009	NPD		
Reaction to fire	EN11925-2:2010/EN13501-1:2007+A1:2009	F	Class	-
Root resistance	EN13948:2007	NPD		
Visible defects	EN1850-1:2001	PASSED	-	-
Durability: Watertightness after artificial ageing	EN1296:2000/EN1928-B:2000	PASSED	(kPa)	≥ 60

WARNINGS

NORMS AND CERTIFICATIONS EN13707; EN13969 - 1381 - 1381-CPR-415



Damp proof courses



Substates or intermediate layers