



IMPAC®

IMPAC® SBS Sanded Fiberglass

Prefabricated Membranes

Description:

Prefabricated membrane **IMPAC® Sanded Fiberglass SBS** is a roof coating system asphalt based not rusted modified with homopolymers and SBS (styrene-butadiene-styrene) propylene copolymer assembled with central reinforcement of fiberglass cloth nonwoven, with silica sand finish and with a lower layer of a polyethylene film which integrates to the asphalt using a blowtorch by thermal fusion, attaching to the previously treated surface forming a waterproofing system prepared to place the final finish.

Recommended use:

To waterproof any type of structure with non critical thermal structural movements. It can be used in any weather, but is ideal for geographic zones with warm and hot weather. The sanded finish is highly recommended for surfaces that will be covered with tile, paving stone, brickwork, ceramic finishes and as adhesive base of roof coating systems.

Benefits:

- It is placed and attached by thermal fusion, quickly covering large areas evenly.
- Product controlled from manufacture with an even thickness and quality.
- Assembled with fiberglass with a structure of high resistance module.
- Higher elongation value.
- Excellent thermal stability. It resists temperature changes without cracking.
- It forms a system 100% waterproof, flexible and of great durability with finishes or additional coatings.
- Clean and no contaminant.

Handling and Storage:

Indoors on a smooth and clean surface, up to two overlapped pallets placed vertically with a 6 mm agglomerate board minimal between the lower and upper pallets.

During its handling and stowage the rolls must not be hit to prevent damages. Move always in a vertical position, NEVER horizontally. Do not place anything on them; support them firmly in order to not leaning on one side or bow



PRO LINE

PRESENTATION	ROLLS
MEASURE	39.37' (1.00 m) width x 32.8' (10.00 m.) long
THICKNESS (MM)	80 MILS (2,0 mm), 137 MILS (3,5 mm), 157 MILS (4,0 mm), 177 MILS (4,5 mm)
SURFACE	Sanded

In specific cases request information from our technical department

Precautions:

The existing roof coating systems should be completely removed from the surface to be protected. The area to be coated must not have bulges that can damage the asphaltic membrane. Do not place heavy objects on the newly installed cloth without the suitable protection to prevent damage. During the installation with a gas blowtorch do not exceed in the flamed because it damages the reinforcement and the properties of the polymers that modify the asphalt. The application with blowtorch can only be fulfilled when the prime is dry. The IMPAC® prefabricated must not be stored exposed to heat, it should be stowed only in a vertical position and where the room temperature is not higher than 45°C. It is not resistant to oils neither solvents.



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Application:

- The installation of the prefabricated roof coating system **IMPAC® Sanded Fiberglass SBS** requires an experienced and qualified workforce.
- The application must be completed under favorable weather conditions. If there is high humidity or rain conditions, they could generate adhesion failure and blister formation.
- The surface must have a minimal slope of 2% towards rainwater runoffs or downspouts, free from pondings.
- The existing roof coating systems must be completely removed from the surface to be protected
- The surface where the prefabricated roof coating system **IMPAC® Sanded Fiberglass SBS** must be even, completely dry, free of dust, sand, grease, oil, curing membranes and loose material of any nature, which can cause detachment of the membrane.
- Over the clean surface, apply the asphaltic prime **IMPAC® Primer H** (water based, please see Technical Specifications) or **IMPAC® Primario SVT-SR** (solvent based, please see Technical Specifications). If the surface is dry, use preferably **IMPAC® Primario SVT-SR** (solvent based). If the substrate is slightly damp, apply the asphaltic prime **IMPAC® Primer H** (water based). Let the primer dry completely.
- Splits or cracks and in critical points, chamfers, downspouts, chimneys, air conditioner ducts, tank bases, pipelines, etc. must be sealed with **IMPAC® Cement** (please see Technical Specifications) or prepare cuts of the Prefabricated **IMPAC® Sanded Fiberglass SBS** 3 mm to seal them.
- For joints treatment with structural movement, prepare belts from prefabricated **IMPAC® Sanded Fiberglass SBS** 3 in to seal them.
- The roof coating height in the walls or parapets must be as minimal 15 cm above level of finished surface or chamfer level and must be protected preferably with a metallic edge.
- Prefabricated **IMPAC® SBS** is installed on surfaces using a gas blowtorch.
- Care should be taken not to overheat the asphaltic membrane, because it can cause porosity and damage and disturb its performance and durability.
- Start placing the **IMPAC® Sanded Fiberglass SBS** membrane in the lower part of the roof surface continuing up and transverse direction across the slope. Place the membrane on the surface in the correct position, spreading half roll to assure a precise overlap aligned with the next roll.
- Once the previous point is reviewed, roll up the membrane without moving it from its position to start its application using thermal fusion.
- Unroll slowly the prefabricated **IMPAC® Sanded Fiberglass SBS** and then, attach the membrane to the surface, meeting the polyethylene support and superficially the asphalt, without overheating it and softly pressuring the membrane to attach it to the surface.
- The longitudinal overlaps of 4 in rolls will be joint using a round tip trowel. At the moment of this process, check the correct joint of these overlaps, making pressure with the trowel in order for the asphalt to exude or flow slightly to the edge, assuring the joint tightness of both overlaps.
- Take special care when joining the transversal overlaps of each roll, overlapping 6 in among them, welding them by melting, in order to guarantee a proper adhesion.

TECHNICAL INFORMATION OF IMPAC SBS

PHYSICAL PROPERTIES	REFERENCE TEST	IMPAC SBS PRO FIBER GLASS MAT
LOW TEMPERATURE FLEXIBILITY*	ASTM D-5147	14°F (-10°C)
ASPHALT SOFTENING POINT (RING & BALL)	ASTM D-36	275°F (135°C)
TENSILE STRENGTH MACHINE DIRECTION	ASTM D-5147	65 lbf
TENSILE STRENGTH CROSS MACHINE DIRECTION	ASTM D-5147	33 lbf
ELONGATION MACHINE DIRECTION	ASTM D-5147	5%
HIGH TEMPERATURE STABILITY	ASTM D-5147	PASS
DIMENSIONAL STABILITY	ASTM D-5147	PASS
PRODUCT THICKNESS	ASTM D-5147	80 MILS 137 MILS 157 MILS 177 MILS