



IMPAC®

IMPAC® SBS Sanded Polyester Fiber

Prefabricated Membranes

Description:

IMPAC® SBS Sanded Polyester Fiber is a modified bitumen roof system asphalt based modified with SBS thermoplastic elastomeric (styrene-butadiene-styrene) and assembled with central reinforcement of polyester cloth nonwoven of continuous thread, manufactured under laminated Spundond process, with silica sand finish and with a lower layer of a polyethylene film which integrates to the asphalt, attaching to the previously treated surface forming a complete waterproofing system prepared for 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 cold weather. The sanded finish is highly recommended for surfaces that will be covered with slabs, brickwork, ceramic finishes and also as an adhesive base of roof coating systems.

Benefits:

- It is fully adhered, quickly covering large roof areas.
- Product controlled from manufacture with a consistent thickness and quality.
- Assembled with polyester cloth with structure of high resistance module.
- High elongation value.
- Excellent thermal stability. With high impact resistance.
- It forms a 100% waterproof system with high flexibility and excellent impact resistance.
- Environmentally friendly.

Handling and Storage:

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



PRESENTATION	ROLLS
MEASURE	1.00 m width x 10.00 m long
THICKNESS (MM)	2.00 mm, 3.00 mm, 4.00 mm
FINISH	Sanded

In specific cases request information from our technical department

Important: All our products have been manufactured according to strict quality standards and fulfilling every reasonable precaution, the information we are providing is correct according to our experience, products as they are sell comply with the aims to which they are been manufactured. Nevertheless we can not be responsible for the variations in the use method or conditions to be applied by the buyer.

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.

Update: September/03/2015. These technical specifications replace any previous one up to this date. Visit our webpage www.impactusa.com where you can find the current version. Subjected to changes without notice.



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Application:

-The installation of the prefabricated roof coating system IMPAC® SBS Sanded Polyester Fiber 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® SBS Sanded Polyester Fiber 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® SBS Sanded Polyester Fiber 3 mm to seal them.

-For joints treatment with structural movement, prepare belts from prefabricated IMPAC® SBS Sanded Polyester Fiber 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® SBS Sanded Polyester Fiber 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® SBS Sanded Polyester Fiber 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.

SBS Sanded Polyester Fiber

Thickness 2.0 mm, 3.0 mm, 4.0 mm

PROPERTIES	METHOD	PRO	PREMIUM	GOLD
Thickness (mm)	ONNCCE NMX-C-437	+/- 0.2 mm	+/- 0.2 mm	+/- 0.2 mm
Flexibility for low temperature	ONNCCE NMX-C-437	- 7 ° C	- 14° C	-20°C
Melting point	ONNCCE NMX-C-437	>120 ° C	>120 ° C	>120°C
Resistance to transversal strain	ONNCCE NMX-C-437 (lbs / pulg)	60 min	60 min	70 min
Resistance to longitudinal strain	ONNCCE NMX-C-437 (lbs / pulg)	80 min	80 min	90 min
Longitudinal and Transversal Elongation	ONNCCE NMX-C-437 (%)	45 min	45 min	45 min
Intermediate reinforcement	(gr/m2)	180	180	180
Granular adherent to membrane	ONNCCE NMX-C-437 METODO ABRASION	<3%	<3%	<3%
Accelerated weathering must not suffer modifications	ONNCCE NMX-C-437	APPROVE	APPROVE	APPROVE
Dimensional Stability	ONNCCE NMX-C-437	APPROVE	APPROVE	APPROVE
Actual Performance	ONNCCE NMX-C-437 (m2/rollo)	8.9	8.9	8.9