General Description

ADFORS GlasGrid Mastic is the product for special application on surfaces covered by mastic asphalt. The product is manufactured at a Saint-Gobain ADFORS facility that has achieved ISO 9001:2015 certification and meets the requirements of EN 15381. ADFORS GlasGrid is a high strength, open fiberglass grid custom knitted in a stable construction and coated with an elastomeric polymer. Every component of the matrix shall be stabilized against ultraviolet degradation and inert to chemicals normally found in a natural soil environment. ADFORS GlasGrid conforms to the property values listed below, which have been derived from quality conformance testing performed by a laboratory:

Technical Characteristics

Property	Unit	Mastic GG	Mastic GG NA	Test Method
Tensile Strength (MD x XD) Ultimate	kN/m	(55 x 55) – 5	(55 x 55) – 5	EN ISO 10319
Tensile Elongation Ultimate	%	2,5 ± 0,5	2,5 ± 0,5	EN ISO 10319
Tensile Resistance @ 2% Strain (MD x XD)	kN/m	(46 x 46) ± 10	(46 x 46) ± 10	EN ISO 10319
Secant Stiffness EA @ 1% Strain (MD x XD)	N/mm	(2.200 x 2.200) ± 200	(2.200 x 2.200) ± 200	EN ISO 10319
Young's Modulus E	MPa	73.000	73.000	
Mass per Unit Area	g/m²	205	205	EN ISO 9864
Melting Point Coating	°C	>232	>232	ASTM D 276
Roll Length	m	150	150	
Roll Width	m	1,5	1,5	
Roll Area	m²	225	225	
Grid Size (Center to Center of Strand)	mm	25 x 25	25 x 25	
Material		Fiberglass reinforcement with modified polymer coating and pressure-sensitive adhesive backing.	Fiberglass reinforcement with modified polymer coating.	

Properties

– High grid stiffness provides a wrinkle-free installation and a direct load transmission
– Low elongation
– Thermal and chemical stability
– Excellent milling performance

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ADFORS GlasGrid Mastic

Installation

- Unroll and lay the geogrid on dry and clean flat layer/leveling course.
- Respect the overlap of end roll joints 10 – 15 cm and longitudinal joints at minimum 5 cm. .
- Apply mastic asphalt layer min. 4 cm.

Benefits

- Elimination of flowing of mastic asphalt during the hardening
- Protection against microcracking in mastic asphalt
- Quick and efficient installation
- Easy cutting
- Thermal and chemical stability
- Excellent milling performance
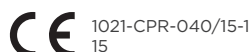- Measured unlimited recyclability & enhanced properties in Reclaimed Asphalt Pavement (RAP)

Palletization

Product	Roll width	Roll area	Roll weight	Core inner diameter	No of rolls on pallet	Total area
Mastic GG	1,5 m	225 m²	51 kg	76 mm	12	2 700 m²
Mastic GG NA	1,5 m	225 m²	51 kg	76 mm	12	2 700 m²

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ADFORS GlasGrid® is manufactured at an ISO 9001:2015 registered facility of Saint-Gobain ADFORS.
ADFORS GlasGrid® is a registered trademark of Saint-Gobain ADFORS. U.S. Patent 8,038,364; 8,349,431 and 8.882.385. Additional patents pending.
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