

RAPID REPAIR SYSTEM FOR DETAILED ASPHALT REINFORCEMENT

GlasGrid®
RAPID REPAIR SYSTEM

GlasGrid® PG100



ASPHALT REINFORCEMENT SERVICES ARE PROUD TO INTRODUCE ANOTHER INNOVATIVE FIBREGLASS SOLUTION – RAPID REPAIR SYSTEM FOR DETAILED ASPHALT REINFORCEMENT.

THE PRODUCT

GlasGrid® PG100 is a composite reinforcing system, consisting of a high-tensile fibreglass grid coated with a patented elastomeric polymer and non-woven fabric. Developed for simple, fast installation to a milled surface or directly to concrete, the GlasGrid® PG100 has an additional self-adhesive bitumen layer that is protected by a film, which supports clean handling and installation.

GlasGrid® PG100 can be installed directly on to a milled surface or directly to concrete without a levelling course.

The system requires a minimum overlay of 40 mm compacted thickness. Please seek distributors advice on installation guidelines.

PROTECTION AGAINST CRACKING

GlasGrid® PG100 is a rapid system for detailed repair. The product is especially developed for the reinforcement of small areas and can be installed directly on to the milled surface without additional preparation. The composite product helps retard reflective cracking by a factor of 3 to 4 times, by turning crack stresses horizontally to dissipate the stress. In addition, the system can be used for the covering of utility trenches, road widening, haunch repairs and 278 works.

SIMPLE INSTALLATION

GlasGrid® PG100 is available in rolls of 1.2m (width) by 20m (length) but can easily be cut with a knife to achieve the required size. The composite product provides an optimum bonding with the surface and a good interlock between the paving courses, due to the self-adhesive bitumen layer and the controlled melting of the bitumen layer during the installation of the asphalt overlay.

GLASGRID® RAPID REPAIR IS DESIGNED TO EXTEND PAVEMENT LIFE

THE MAIN BENEFITS:

SELF-ADHESIVE BITUMEN LAYER

- Fast and simple installation
- No heating necessary
- Optimised thickness of bitumen layer
- Effective moisture barrier



THINNER



**EASIER
HEATLESS**



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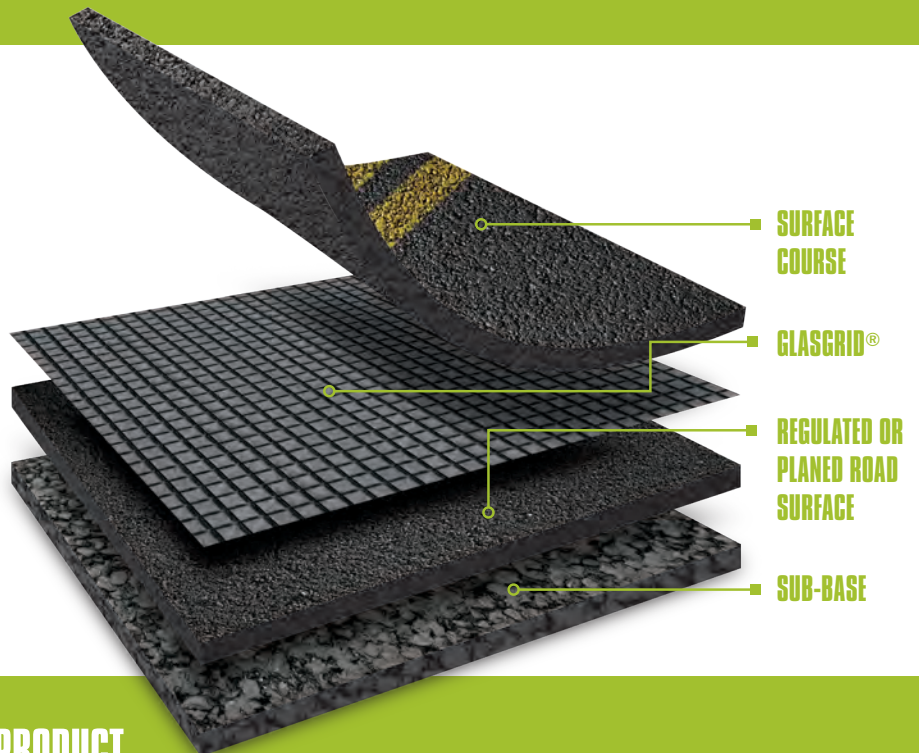
CHARACTERISTICS AND ADVANTAGES

- Fast and simple installation due to the self-adhesive bitumen layer; no heating with a gas burner necessary. No bitumen overspray.
- Ideal combination between a high-tensile fibreglass grid and an integrated self-adhesive bitumen layer.
- No problems with high temperatures.
- Long-term reduction of maintenance costs.
- Sustainable asphalt reinforcement for detailed repair.
- Excellent milling performance and completely recyclable at the end of its service life.

For safe installation of the material please follow the instructions in the official installation guide.

TECHNICAL INFORMATION

	UNIT	PG100	TESTING METHOD
Tensile strength	kN/m	115 x 115 ± 15	DIN 10319
Tensile Elongation	%	73.000	
Grid size	mm	25 x 25	
Binding material		Polymer modified self-adhesive bitumen	
Melting point	°C	93	



PRODUCT DIMENSIONS

	UNIT	PG100
Roll length	m	20
Roll width	m	1.2

