

# Self-Adhesive Fiberglass Asphalt Reinforcement

GLASGRID® GG

Pavement Reinforcement System



Save Money and extend Pavement  
Life by up to 300%

Stronger ideas for a sustainable world





# GlasGrid® Pavement Reinforcement Retards Reflective Cracking

## Protection against Cracking

GlasGrid® GG is a high-tensile fiberglass grid with an especially high mesh stiffness due to the consistent impregnation of each glass filament with our patented polymer coating in order to reach an effective bonding between asphalt layers. A unique feature is the pressure sensitive adhesive backing of the grid, which ensures a quick and efficient installation and provides a good bond with the surface. GlasGrid GG can be installed directly on an old asphalt surface or on a leveling course. For the application on a concrete pavement, the installation of an leveling course is necessary.

### Application

GlasGrid® GG is a complete road reinforcement system, which can be used in the construction and concrete joints, for lane widening and for detail or full width repairs.



## The Key Advantages for You

- ▶ Extends pavement life up to 300%
- ▶ Reduces maintenance cost
- ▶ Self-adhesive backing
- ▶ Quick and efficient installation
- ▶ Patented polymer coating
- ▶ High tensile and stiffness fiberglass grid
- ▶ Low elongation
- ▶ Excellent milling performance and measured recyclability

## Technical Properties

	Units	GG50	GG100	GG200
Tensile Strength	kN/m	55 x 55 ± 5	115 x 115 ± 15	115 x 215 ± 15
Tensile Elongation	%	2,5 ± 0,5		
Tensile Resistance @ 2% Strain	kN/m	46 x 46 ± 10	95 x 95 ± 20	95 x 180 ± 20
Stiffness	N/mm	2.200 x 2.200 ± 200	4.600 x 4.600 ± 600	4.600 x 8.600 ± 600
Young's Modulus E	MPa	73.000		
Mass per Unit Area	g/m <sup>2</sup>	205	405	610
Grid Size (Center to Center of Strand)	mm	25 x 25	12,5 x 12,5 25 x 25	12,5 x 12,5 25 x 25
Roll Width	m	1,00 – 3,00		

Learn more about how our full line of GlasGrid Pavement Reinforcement System products can increase the life of your paving projects.

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0799-123  
2010

*GlasGrid is manufactured at an ISO 9001:2008 registered facility of Saint-Gobain ADFORS.  
 GlasGrid is a registered trademark of SAINT-GOBAIN ADFORS. U.S. Patent 8,038,364 and 8,349,431.  
 Japanese Patent 2611064. Additional patents pending.  
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