



Geogrids for Area-wide Repairs

## GlasGrid CGL

Composite fibreglass asphalt reinforcement for area-wide repairs of milled surfaces

### Product Overview

ADFORS GlasGrid® CGL is a composite material consisting of a solid fibreglass mesh bonded to a non-woven fabric. The glass fibres are coated with a modified polymer ensuring that the fibres are protected, there is sufficient lattice stiffness and optimal layer bonding. The lightweight non-woven fabric supports the efficient bonding of asphalt layers and provides high bitumen absorbency for fast and efficient laying.

The ADFORS GlasGrid CGL geogrid can be installed directly on the milled surface without a leveling asphalt layer. It is especially suitable for repairs on the entire width of the road and for widening lanes. The system serves as asphalt reinforcement and stress-relief, delays the formation of reflective cracks and extends the life of the asphalt cover by up to 300% and saves up to 50% of investment costs associated with maintenance.

Product benefits include:

- fast and efficient installation
- optimal absorbency of non-woven asphalt
- does not damage the geogrid during installation and compaction
- resistance to the traffic of construction trucks
- perfect connection of asphalt layers
- excellent milling properties
- unlimited recyclability and enhanced properties of Reclaimed Asphalt Pavement (RAP)

### Specifications

PRODUCT REFERENCE	TENSILE STRENGTH	ELONGATION	AVAILABLE WIDTHS	GRID SIZE	AVAILABLE LENGTHS	WEIGHT	PIECES PER BOX	INTERNAL DIAMETER
CG 50L	50 x 50 kN / m	2,5 ± 0,5 %	1 m , 1,5 m, 2 m, 3 m	25 x 25 mm	150 m	239 g / m <sup>2</sup>	N/A	N/A

PRODUCT REFERENCE	TENSILE STRENGTH	ELONGATION	AVAILABLE WIDTHS	GRID SIZE	AVAILABLE LENGTHS	WEIGHT	PIECES PER BOX	INTERNAL DIAMETER
CG 100L	100 x 100 kN / m	2,5 ± 0,5 %	1 m, 1,5 m, 2 m, 3 m	25 x 25 mm	100 m	439 g / m <sup>2</sup>	N/A	N/A
CG 200L	100 x 200 kN / m	2,5 ± 0,5 %	1 m, 1,5 m, 3 m	25 x 19 mm	70 m	637 g / m <sup>2</sup>	N/A	N/A