

Product data sheet Lucogrid® Bitumen

Lucogrid® Bitumen

Pre-bituminised asphalt reinforcement - can be applied locally or to the entire surface

Fields of application

- Durable mending of existing roads (to avoid and to adjust cracks due to high strain, temperature differences and so on)
- Assembly into new roads for a durable mending of cracks

Attributes

Lucogrid® Bitumen adheres because of the pre-bitumination perfectly to the already assigned emulsion. On Lucogrid® Bitumen's top side are gritted grids to ensure an immediate trafficability for the construction traffic.

Processing

- Milling of the asphalt
 - Proper cleaning of the milling surface
 - Application of the bituminous emulsion
 - mechanical installation of Lucogrid® Bitumen
- or
- manuel installation of Lucogrid® Bitumen
 - Application of the top asphalt layer (thickness of 3,5 cm at least)

Delivery form

Lucogrid® Bitumen is available with widths of 0,97 m, 1,50 m und 1,95 m as standard (further width on request). The length of roll is 50 m.

The rolls are wrapped separately.

Technical data	main direction MD	cross direction CD
Mechanical properties	Lucogrid® Bitumen	
Tensile modulus fibre roving (N/mm ²)	≥ 73.000	≥ 240.000
Elongation at rupture fibre roving (%)	≤ 4,5	1,75
Fibre cross section (mm ² /m)	46 (50 fibre strands)	46 (52 fibre strands)
Tensile force (kN/m)	120 (at 2,60 % elongation)	200 (at 1,75 % elongation)
Width of roll (m)	0,97/1,50/1,95 (further widths on request)	
Length of roll (m)	50	
Tack coat	250 - 300 g/m ² bituminous emulsion depending on type and substrate	
These standard values are typical values and should not be regarded as specifications.		