

S&P Carbophalt G (pre-bituminised asphalt reinforcement)

can be applied to the entire surface or locally

07/10

Technical data	main direction (MD)	cross direction (CD)
Mechanical properties	glass	carbon
Tensile modulus fibre roving (N/mm ²)	73'000	240'000
Elongation at rupture fibre roving (%)	3.5 - 4.5	1.6
Ultimate tensile force (kN/m) <small>(Test report: tbu 1.1/26564/0289.0.1-2008e for glass, tbu 1.1/26564/0291.0.1-2008e for carbon, EN ISO 10319 modified)</small>	111 (2.7 %) 120 (theoretical at failure glass roving 3.5 %)	249 (1.5 %) 250 (theoretical at failure carbon roving 1.6 %)

The theoretical tensile force bases upon the theoretical characteristic value of fibre guaranteed by its roving manufacturer.

Tack coat (Recommendation by S&P)	200-500 g/m ² bituminous emulsion 60-70% polymer modified
<p>Remark: Different European coats resp. guidelines for asphalt pavement recommend for multilayer asphalts a shear bond > 15 kN (method Leutner) resp. > 1.3 MPa (pull off test).</p> <p>This recommended shear bond will be achieved with S&P Carbophalt G in praxis (Test reports are available). The positive result will be achieved without additional SAMI surface dressing on top of the asphalt reinforcement.</p>	

Installation Guideline:

The unroll equipments are rented out by S&P.

Technical assistance is guaranteed by S&P.



Width of roll	(m)	0.97 / 1.95
Length of roll	(m)	50