



**FOR ASPHALT  
HIGH QUALITY  
MORE DURABLE**



# ARMOPHALT C<sup>®</sup>

# ARMOPHALT G<sup>®</sup>

**Pre-bituminised carbon and glass grids for asphalt reinforcement**



**For road surfaces driveways, yards and industrial areas, car parks, roundabouts, motorways, airport runways and take-off.**



## MAIN ADVANTAGES OF PRE-BITUMINISED GRIDS

- EXCELLENT ADHESION ASPHALT INTERLAYERS
- HIGH STRAIN RESISTANCE UNDER HEAVY CYCLIC LOADINGS
- AVOID REFLECTION CRACKING
- ASPHALT THICKNESS REDUCTION
- STRONG REDUCTION OF MAINTENANCE COSTS
- FAST AND EASY APPLICATION

### ARMOPHALT C (pre-bituminised asphalt reinforcement)

can be applied to the entire surface or locally

Tecnical data	main direction (MD)	cross direction (CD)
Mechanical properties	glass	carbon
Tensile modulus fibre roving (N/mm <sup>2</sup> )	73.000	240.000
Elongation at rupture fibre roving (%)	3.5 - 4.5	1.6
Ultimate tensile force EN ISO 10319 (kN/m)	120*	250*



### ARMOPHALT G (pre-bituminised asphalt reinforcement)

can be applied to the entire surface or locally

Tecnical data	main direction (MD)	cross direction (CD)
Mechanical properties	glass	glass
Tensile modulus fibre roving (N/mm <sup>2</sup> )	73.000	73.000
Elongation at rupture fibre roving (%)	3.5 - 4.5	3.5 - 4.5
Ultimate tensile force EN ISO 10319 (kN/m)	120*	120*

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

Tack coat recommended	300-400 g/m <sup>2</sup> bituminous emulsion 60/70% polymer modified
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Remark: Different European coats resp. guidelines for asphalt pavement recommend for multilayer asphalts a shear bond > 15 kN (method Leutner).

This recommended shear bond will be achieved with ARMOPHALT C - ARMOPHALT G (Test reports available).

#### Installation Guideline:

The unroll equipments are supplied upon request by **G&P intech**

Technical assistance is guaranteed by **G&P intech**



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

For any additional information on the products please contact the Company or consult the web site: [www.english.gpintech.com](http://www.english.gpintech.com).