

TECHNICAL DATA SHEET

CIDEX[®] Patch

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Construction (tolerances: ± 10 %)

Mesh (Opening between axles) : **40 mm x 40 mm**

Total weight : **1500 g/m²**

Grid	Non-woven	Coating
Glass fibre + Binder (Styren Butadien type*) : 400 g/m ²	Synthetic fibre : 20 to 60 g/m ²	SBS modified bitumen 1100 g/m ²
Thickness (indicative value) : 1.0 mm to 2.5mm		

Properties: values + or – 20% according to the standard **ISO 10319**

Mechanical strength	At 2% strain	At break
Long direction	60 KN/m	100 KN/m
Cross direction	60 KN/m	100 KN/m

Elongation	at break
Long direction	< 3% + 0.5%
Cross direction	< 3% + 0.5%

The information contained in this document has been transmitted by our supplier Chomarat Textiles Industries from Cidex 100 which gives the strength of this product. This data sheet has been issued as an indication; we reserve the right to modify it without notice. Please be sure that you have the updated version.

*Our SBR resin has been developed to give the high elasticity modulus of the grid (>35 000 MPa measured), and has been optimized in order to protect the glass fibres against the mechanical stress during installation and its use at long term (cf RGRA 890 from January 2011).

Remarks

- Intended uses: Reinforcement, Stress relief, interlayer barrier
- To cover the latest, a couple of weeks after installation (EN 15381 annexe B).
- Bitumen retention (EN 15381 annexes C): 80 g/m², therefore usual tack coat to bond the asphalt layers.
- Melting point: resin: 200 °C – Polyester fibres: 200 °C – glass fibres: 1500 °C with mechanical weakness starting at 400 °C.
- In case of use onto a new cement support, use a bituminous tack coat before applying the grid.

[®] Cidex is a brand name of 6D Solutions.

In addition, as the mechanical constraints applied to the grid, the conditions of application, the quality of the associated materials are beyond our control, this information are valid up to the delivery of the grid and cannot be construed in any way as a warrant after the delivery.