

TECHNICAL DATA SHEET

CIDEX[®]

Reference : 50 SB

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Construction (tolerances : $\pm 10\%$)

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

Total weight : **205 g/m²** (Mode of Operation: from Chomarar Composites, MO 302/03)

<u>Grid</u>	<u>Non-woven</u>
Glass fibre + Binder (Styren Butadien type) : 188 g/m ²	Synthetic fibre : 17 g/m ²
Thickness (indicative value) : 1.1 mm (Mode of Operation : from Chomarar Composites, MO 302/03)	

Properties: values + or – 5% according the standard **ISO 10319**

(Mode of Operation from Chomarar Composites 302/13)

Mechanical strength	<u>At break</u>	<u>at 1% elongation</u>	<u>at 2% elongation</u>
Long direction	50 KN/m	20 KN/m	35 KN/m
Cross direction	50 KN/m	20 KN/m	35 KN/m

Elongation	<u>at break</u>
Long direction	< 3% + 0.5%
Cross direction	< 3% + 0.5%

The information contained in this document have been transmitted by our supplier Chomarar Composites. 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.

Important: Impregnation capacity of tack coat usually applied: **500 g/m²** of residual bitumen. This quantity has to be adapted regarding the characteristics of the support layer. The bond must be checked by the end user.

Remarks

- Intended uses: Reinforcement – Stress relief – Interlayer barrier.
- A couple of weeks of exposure after installation (EN 15381 annexe B).
- Bitumen retention (EN 15381 annex C) : 120 g/m², therefore 500 g/m² to bond the asphalt layers.
- Melting point: resin: 200 °C – Polyester fibres: 220 °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.

The grid is produced under the quality management system certified ISO 9001.

[®] 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.