

## TECHNICAL DATA SHEET

### CIDEX<sup>®</sup>

**Reference : 150 20 SB**

Technical data n° : 1056  
 Issued on : 15/01/2010  
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**Construction** (tolerances : ± 10 %) :

Mesh (Opening between axle) : **40 mm x 50 mm**

Total weight : **375 g/m<sup>2</sup>** (control plan n°PC004 from the manufacturer Chomarat Textiles Industries)

| <u>Grid</u>   | <u>Non-woven</u>                      |
|---|---------------------------------------|
| Glass Fibre + Binder (SBR type): 358 g/m <sup>2</sup>   | Polyester fibre : 17 g/m <sup>2</sup> |
| Thickness ( <i>indicative value</i> ) : 1.5 mm<br>( Mode of Operation : from Chomarat Textiles Industries 302/03) |                                       |

**Properties:** value – 5%, according the standard ISO 10319

(control plan n°PC004 from the manufacturer Chomarat Textiles Industries)

| <b>Mechanical strength</b> | <b><u>At break</u></b> | <b><u>à 1% elongation</u></b> | <b><u>à 2% elongation</u></b> |
|----------------------------|------------------------|-------------------------------|-------------------------------|
| Long direction             | <b>150 KN/m</b>        | <b>68 KN/m</b>                | <b>137 KN/m</b>               |
| Cross direction            | <b>30 KN/m</b>         | <b>14 KN/m</b>                | <b>22 KN/m</b>                |

**Elongation at break :**

Long direction : < **3% + 0.5%**

Cross direction : < **3% + 0.5%**

*The information contained in this technical data sheet have been transmitted by our supplier Chomarat Textiles Industries. 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*

**Important:** Impregnation capacity of tack coat usually applied: **500 to 600 g/m<sup>2</sup>** 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.
- UV resistance: Maximum two weeks of exposure after installation (EN 15381 annexe B).
- Bitumen retention (EN 15381 annex C) : 120 g/m<sup>2</sup>, therefore 500 to 600g/m<sup>2</sup> 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.*