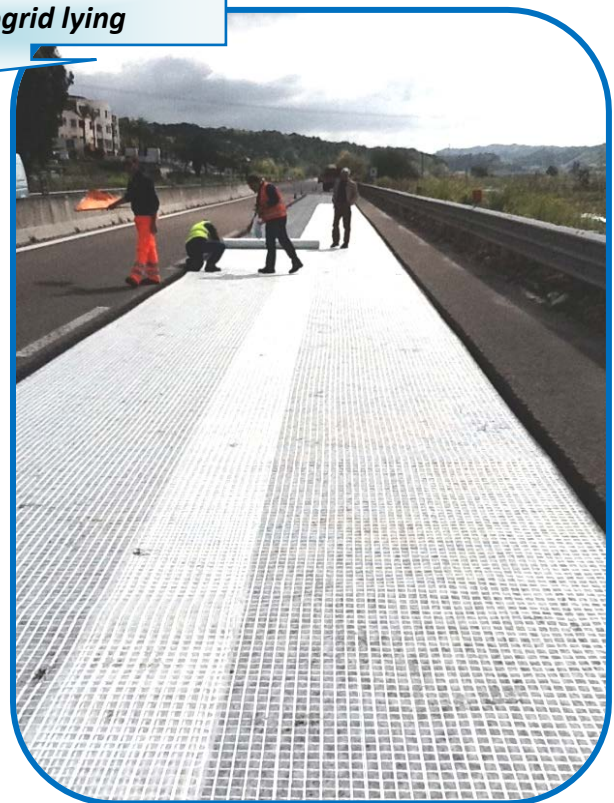
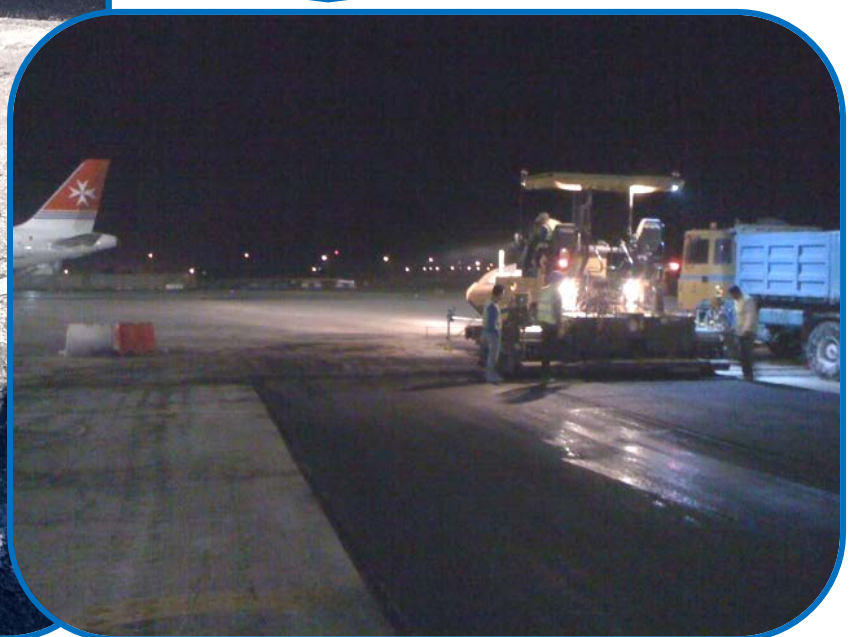


6D SOLUTIONS FIBERGLASS GEOGRID APPLICATION on the AIRPORT and ROAD PAVEMENTS

Fiberglass Geogrid lying



Before and after the treatment



RODECO Group

Via Ridondello, 37-27058 VOGHERA (PV) ITALY Tel. (+39) 0383 213532 (+39) 0383 647125 - Fax (+39) 0383 214447

Via Alessandro Volta n. 1/3 - 09032 ASSEMINI (CA) - ITALY - Tel. e Fax (+39) 070 2110427

Villaggio della Cooperazione, 4 - 30020 MARCON (VE) Tel. (+39) 334.1124094 - Fax (+39) 0383 214447

www.rodeco.it - rodeco@rodeco.it

TECHNICAL DATA SHEET

CIDEX[®]

Reference : 100 SB

Data sheet n° : 0750
 Issued : 22/06/2007
 Modified : 01/09/2010

Construction (tolerances : ± 10 %)

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

Total weight : **400 g/m²** (Mode of Operation: from Chomarar Composites, MO 302/03)

<u>Grid</u>	<u>Non-woven</u>
Glass fibre + Binder (Styren Butadien type) : 383 g/m ²	Polyester fibre : 17 g/m ²
Thickness (indicative value) : 1.4 mm (Mode of Operation : from Chomarar Composites, MO 302/03)	

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

Mode of Operation of the producer Chomarar Composites 302/13)

Mechanical strength	<u>at break</u>	<u>at 1% elongation</u>	<u>at 2% elongation</u>
Long direction	100 KN/m	35 KN/m	70 KN/m
Cross direction	100 KN/m	35 KN/m	70 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: **600 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 600 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.