



XGRID FG BC 0 100/100

Year of last update: 2024



Function: Asphalt reinforcement

DESCRIPTION: Biaxial fiber glass FG grid, bitumen compatible polymer coated

PROPERTIES OF RAW MATERIAL

| | | | tol |
|-------------------------------|----|----------------------------|-----|
| Raw material | | FG | |
| Coating | | Bitumen compatible polymer | |
| Softening point of FG geogrid | °C | >850° | |

MECHANICAL PROPERTIES

| | | | | tol |
|-------------------------------|--------------|------|------|------|
| Strength resistance MD - TULT | EN ISO 10319 | kN/m | >100 | |
| Elongation at max load MD | EN ISO 10319 | % | 3 | ±1,5 |
| Strength resistance CMD | EN ISO 10319 | kN/m | >100 | |
| Elongation at max load CMD | EN ISO 10319 | % | 3 | ±1,5 |

TYPICAL DIMENSIONS

| | | | | tol |
|------------------|--|----|-------|-----|
| Mesh size MD/CMD | | mm | 30x30 | ±5 |
| Roll width | | m | 4,4 | ±2% |
| Roll length | | m | 100 | ±2% |

MD: Machine direction - longitudinal direction

CMD: Cross machine direction - transverse direction



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