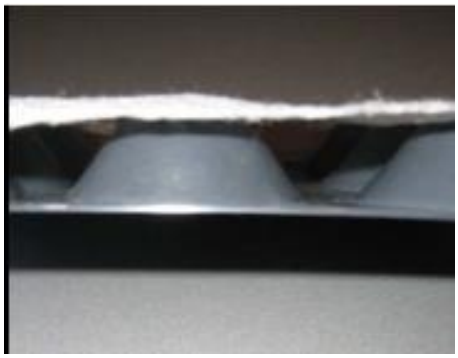

# MAXISTUD GEO

Year of last update: **2024**

CE

Function: **S+F+D**

**STRUCTURE:** drainage geocomposite made by an internal core, 20 mm thick, combined with one filter geotextile

| ***FILTER GEOTEXTILES*** | | | | *tol* |
|---|---|---|---|---|
| Raw material | | | **PP** | |
| Weight | EN ISO 9864 | $g/m^2$ | **100** | *-10%* |
| Thickness | EN ISO 9863-1 | mm | **0,65** | *±20%* |
| Tensile strength MD/CMD | EN ISO 10319 | kN/m | **6/6** | *-1/-1* |
| Elongation at max load MD/CMD | EN ISO 10319 | % | **45/65** | *±20* |
| CBR puncture resistance | EN ISO 12236 | N | **1000** | *-100* |
| Cone drop test | EN ISO 13433 | mm | **34** | *9* |
| Water permeability normal to the plane | EN ISO 11058 | mm/s | **90** | *-40* |
| Opening size | EN ISO 12956 | micron | **95** | *±35* |

| ***DRAINAGE CORE*** | | | | |
|---|---|---|---|---|
| Raw material | | | **HDPE** | |
| Weight | EN ISO 9864 | $g/m^2$ | **1000** | *±10%* |
| Foil thickness | | m | **1** | *±10%* |

| ***GEOCOMPOSITE*** | | | | | *tol* |
|---|---|---|---|---|---|
| Thickness at 2 kPa | EN ISO 9863-1 | mm | **20** | | *±1* |
| Compression resistance | | kPa | **150** | | *±30* |
| Tensile strength MD/CMD | EN ISO 10319 | kN/m | **13/11** | | *±2* |
| Elongation at max load MD/CMD | EN ISO 10319 | % | **50/50** | | *±25* |
| HYDRAULIC PERFORMANCES | | | | | |
| Plane flow capacity MD | EN ISO 12958-1 | l/(m·s) | | | *±20 %* |
| *Hydraulic gradient* | *Contact* | *i = 0,04* | *i = 0,10* | *i = 1* | |
| *Load: 20 kPa* | S/R | 2,00 | 4,30 | 10,00 | |

S/S: Soft/Soft Contact - S/R: Soft/Rigid Contact - R/R: Rigid/Rigid Contact

| ***STANDARD DIMENSIONS*** | | | *tol* |
|---|---|---|---|
| Width | m | **2** | *±3%* |
| Length | m | **10** | *±2%* |

*The information given in this data sheet is to the best of our knowledge true and correct. TeMa srl reserves the right to change its product specifications at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.*

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