



| PROPERTY | UNIT | VALUE | STANDARD | VARIABLE |
|---|---------------------|--|------------------|--------------|
| General | | | | |
| Density | kg/m ³ | ≥1350 | EN ISO 1183-1 | |
| Weight | kg/m ² | 4,1 | | t: 3 mm |
| | | 5,4 | | t: 4 mm |
| | | 6,75 | | t: 5 mm |
| | | 8,4 | | t: 6 mm |
| | | 11,2 | | t: 8 mm |
| | | 14,0 | | t: 10 mm |
| | | 16,8 | | t: 12 mm |
| | | 20,3 | | t: 15 mm |
| | | 27,0 | | t: 20 mm |
| Mass Increase | % | <2 | EN 438-2 nr. 9 | t: 6 mm |
| Thickness Increase | % | <2 | EN 438-2 nr. 9 | t: 6 mm |
| Weather and light fastness (Xenon 3000 hours, TNO tested) | Grey scaling rating | 4 - 5 | EN ISO 20105-A02 | t: 6 mm |
| Factory Production Control FPC | | ISO 9001 | EN ISO 9001 | |
| CE marking | | EN 438-7 | | 2022 version |
| Warranty | | 10 years on delamination and discoloration | | |
| Mechanical | | | | |
| Elastic modulus | Mpa | >10000 | EN ISO 178 | t: 6 mm |
| Flexural strength | Mpa | ≥100 | EN ISO 178 | t: 6 mm |
| Torx screw pull resistance | N | 2000 | ISO 13894-1 | t: 6 mm |
| | | 3000 | | t: 8 mm |
| | | 4000 | | t: 10 mm |
| | | 5000 | | t: 12 mm |



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|--|---------|----------|-------------------|---------------------------|
| Dimensional tolerances | | | | |
| Thickness tolerance | mm | +/- 0,30 | EN 438-2 nr. 5 | $3 \leq t \leq 5$ mm |
| | | +/- 0,40 | | $5 \leq t \leq 8$ mm |
| | | +/- 0,50 | | $8 \leq t \leq 12$ mm |
| Length and width tolerance | mm | +10 / -0 | EN 438-2 nr. 6 | |
| Flatness tolerance | mm/m | 8 | EN 438-2 nr. 9 | $2 \leq t \leq 6$ mm |
| | | 5 | | $6 \leq t \leq 10$ mm |
| | | 3 | | $10 \leq t \leq 15$ mm |
| Thermal | | | | |
| Thermal conductivity (100 °C water/ 2 hours) | W/(m*K) | 0,23 | DIN 52612 | t: 6 mm |
| Fire classification | | | | |
| Fire rating EU | | D-s2,d0 | EN 13501-1 | |