

SM'art Thermo Fused Texture on P2 particleboard technical data sheet

| property | test method | unit of measure | SM'art TFT on P2 Particleboard | | |
|---|---|---|---|---|-----------------------------------|
| surface defects | EN 14323 | mm ² /m ² mm/m | ≤ 2 ≤ 20 | | |
| scratch resistance | EN 14323 | N | ≥ 1,5 | | |
| stain resistance | EN 14323 | level | ≥ 3 | | |
| steam resistance | EN 14323 | level | ≥ 4 | | |
| cracking resistance | EN 14323 | level | ≥ 3 | | |
| wear resistance | EN 14323 printed decors unicolors | Taber revolution | Class | IP | WR |
| | | | 1 | < 50 | < 150 |
| | | | 3A | ≥ 150 | ≥ 350 |
| thickness tolerance one decorative side only two decorative sides | EN 14323 | mm | < 15 mm +/- 0,3 +/- 0,5 | 15 mm to 20 mm +/- 0,3 +/- 0,5 | > 20 mm +/- 0,5 +/- 0,5 |
| size tolerance | EN 14323 | mm | +/- 5 | | |
| flatness | EN 14323 | mm/m | ≤ 2 | | |
| edge damage | EN 14323 | mm | ≤ 10 | | |
| squareness | EN 14323 | mm/m | ≤ 2 | | |
| density | | thickness Kg/m ³ | raw chipboard > 600kg/m ³ | | |
| tear resistance | EN 319 | thickness N/mm ² minimum | 8 - 13 mm 0.40 | 14 - 20 mm 0.35 | 20 - 25 mm 0.30 |
| flexion resistance | EN 310 | thickness N/mm ² minimum | 8 - 13 mm 11 | 14 - 20 mm 11 | 20 - 25 mm 10.5 |
| elasticity module | EN 310 | thickness N/mm ² minimum | 8 - 13 mm 1800 | 14 - 20 mm 1600 | 20 - 25 mm 1500 |
| swelling after 24 h | EN 317 | % | 16 | | |
| humidity | EN 322 | % | 5 - 13 | | |
| formaldehyde emission | EN717-1 EN717-1 ASTM E1333-96 | mg/m ³ ppm ppm | E05 E05 Carb 2 | required < 0,062 < 0,050 < 0,090 | actual 0.007 0.006 0.006 |
| fire reaction on demand | EN 13501 | | D-s2, d0 B-s2, d0 | | |