

TECHNICAL INFORMATION TABLE



| TERRAWOOL OVERCOATING BOARD | | | | | | | | | | | |
|---|---------------------|--------------------|-------------------|--------|--------|------|------|------|------|-----------|-------------------|
| Material properties | SYMBOL | UNIT | DESCRIPITON | | | | | | | TOLARANCE | STANDART |
| MATERIAL | — | — | MINERAL WOOL | | | | | | | — | TS EN 13162 |
| TYPE OF MATERIAL | — | — | OVERCOATING BOARD | | | | | | | — | — |
| DENSITY | ρ | KG/m ³ | 150 | | | | | | | +/-%7 | — |
| WIDTH | b | mm | 600 | | | | | | | +/-%1,5 | TS EN 822 |
| LENGTH | l | mm | 1200 | | | | | | | +/-%2 | TS EN 822 |
| THICKNESS | d | mm | 30 | 40 | 50 | 60 | 80 | 100 | 120 | T3* | TS EN 823 |
| COVERING | — | — | UNCOATED | | | | | | | — | — |
| FIRE CLASS REACTION | — | — | A1 | | | | | | | — | TS EN 13501-1 |
| SQUARE DEVIATION | Sb | mm/m | max 5 | | | | | | | — | TS EN 824 |
| SURFACE SMOOTHNESS | Smax | mm | max 6 | | | | | | | — | TS EN 825 |
| DIMENSIONAL STABILITY | $\Delta\epsilon_d$ | % | max 1 | | | | | | | — | TS EN 1604 |
| THERMAL CONDUCTIVITY VALUED DECLARED 10 °C | λ_D | W/mK | 0,037 | | | | | | | — | TS EN 12667/12939 |
| THERMAL CONDUCTIVITY RESISTANCE | RD | m ² K/w | 0,81 | 1,08 | 1,35 | 1,62 | 2,16 | 2,70 | 3,24 | — | TS EN 12667/12939 |
| MOISTURE DIFFUSION RESISTANCE** | μ | — | 1 | | | | | | | — | TS EN 12086:2002 |
| VERTICAL FACES TRACTION | $\bar{\sigma}_{mt}$ | kPa | min 15 | | | | | | | — | TS EN 1607 |
| COMPRESSIVE STRENGTH | $\bar{\sigma}_{10}$ | kPa | min 35 | min 45 | min 55 | | | | | — | TS EN 826 |
| DIP PORTION, LONG-TERM WATER ABSORPTION | Wlp | Kg/m ² | ≤ 3 | | | | | | | — | TS EN 12087 |
| DIP PORTION, SHORT-TERM WATER ABSORPTION | Wp | Kg/m ² | ≤ 1 | | | | | | | — | TS EN 1609 |
| MATERIAL PACKING | — | — | PE FILM | | | | | | | — | — |
| TERRAWOOL Mantolama Plate TS EN 13500 "mineral wool (Rockwool) facade basis for thermal insulation system" is produced in accordance with TS EN 13162 Standard, taking into consideration required technical properties of insulation material. | | | | | | | | | | | |