

| Technical Data Sheet  | Standard  | Unit / Requirement   | Value   |
|---|---|--|---|
| Dimension (LxWxT)   | -   | mm   | 1225x190x7  |
| Mass per unit   | -   | Kgs / m <sup>2</sup>   | 6,53  |
| Packaging (box / pallet)  | -   | M2   | 1,862 / 81,928  |
| Level of use Domestic   | ISO 10874   | Class  | 23  |
| Level of use Commercial   | ISO 10874   | Class  | 33  |
| <b>General properties - EN 16511</b>                                |   |  |   |
| Thickness, t -  | ISO 24337   | $\Delta t_{avg} \leq 0,50$ mm, relative to nominal value /<br>$t_{max} - t_{min} \leq 0,50$ mm | Complies  |
| Length, l   | ISO 24337   | $\leq 1500$ mm: $\Delta l \leq 0,5$ mm /<br>$> 1500$ mm: $\Delta l \leq 0,3$ mm/m              | Complies  |
| Width, w  | ISO 24337   | $\Delta w_{avg} \leq 0,10$ mm, relative to nominal value /<br>$w_{max} - w_{min} \leq 0,20$ mm | Complies  |
| Squareness, q   | ISO 24337   | $max \leq 0,20$ mm   | Complies  |
| Straightness, s   | ISO 24337   | $max \leq 0,30$ mm/m   | Complies  |
| Openings, o   | ISO 24337   | $max \leq 0,20$ mm   | Complies  |
| Height difference, h  | ISO 24337   | $h_{max} \leq 0,15$ mm   | Complies  |
| Flatness of the panel (Length - concave / convex)                   | ISO 24337   | concave $\leq 0,50$ %, / convex $\leq 1,0$ %   | Complies  |
| Flatness of the panel (Width - concave / convex)                    | ISO 24337   | concave $\leq 0,15$ %, / convex $\leq 0,20$ %  | Complies  |
| <b>Classification properties - EN 16511</b>                         |   |  |   |
| Wear resistance IP  | EN 15468, procedure B                               | $\geq 5000$ cycles   | Complies  |
| Impact resistance [mm] (big ball)                                   | EN 13329:2006+A1:2008, Annex F                      | $\geq 1600$ mm   | Complies  |
| Castor chair resistance   | EN 425  | 25 000 cycles  | Complies  |
| Resistance to staining  | EN 438-2  | Groups 1 and 2: grade 5<br>Group 3: grade 4  | Complies  |
| Residual indentation  | EN ISO 24343-1                                      | $\leq 0,2$ mm  | Complies  |
| Swelling  | ISO 24336   | %  | < 2%  |
| Dimensional stability due to variation of temperature               | EN ISO 23999  | $\leq 0,25$ %  | Complies  |
| Effect of furniture leg   | EN 424  | -  | No Visible Damage   |
| <b>Safety properties - EN 14041</b>                                 |   |  |   |
| Fire resistance   | EN ISO 11925-2 + EN ISO 9239-1: Class<br>EN 13501-1 | Class  | Cfl-S1  |
| Slip Classification   | EN 13893  | Class  | DS  |
| Formaldehyde emission   | EN 717-1  | Class  | E1  |
| Content pentachlorophenol (PCP)                                     | EN 12673  | % mg/kg  | Undetectable  |
| <b>Additional properties</b>  |   |  |   |
| Impact sound reduction  | EN ISO 10140  | dB ( $\Delta L_w$ )  | 18  |
| Walking noise   | IHD-W431  | dB<br>%  | Reduction improvement 18,5 dB<br>Difference of loudness 65% |
| Thermal conductivity  | EN 12667  | W/(mK)   | 0,111   |
| Thermal resistance  | EN 12667 / ISO 1957                                 | (m <sup>2</sup> K)/W   | 0,06  |
| <b>ASTM Standards</b>   |   |  |   |
| Airborne sound transmission loss                                    | ASTM E90 /ASTM E413                                 | STC (dB)   | 60 (*)  |
| Impact sound transmission   | ASTM E492 /ASTM E989                                | IIC (dB)   | 65 (*)  |
| Impact sound transmission   | ASTM E2179  | $\Delta IIC$   | -   |
| Smoke density   | ASTM 662  | KW/m <sup>2</sup>  | -   |
| Radiant panel (critical radiant flux)                               | ASTM E648   | (W/cm <sup>2</sup> )   | -   |
| Thermal resistance  | ASTM C177   | R-value (m <sup>2</sup> K)/W   | 0,0539  |
| Thermal conductivity  | ASTM C177   | $\lambda$ -value W/(m.K)   | 0,127   |
| Residual indentation  | ASTM F1914  | %  | 0,9   |
| Static load limit   | ASTM F970   | in or mm   | 0,100   |
| Ignition characteristics of finished Textile floor covering systems | ASTM D2859  | -  | -   |