

| | | ÇAMSAN ENTEGRE LAMINATE FLOORING QUALITY SPECIFICATIONS | | | | | |
|--|------------------------------|--|--|--|--|--|---------------------|
| CHARACTERISTIC | STANDARD | 8mm GLORIA [∞] - AC4 (EN STANDARD) | 8mm GLORIA STAR - AC5 (EN STANDARD) | 8mm LEGEND - AC5 (EN STANDARD) | 12mm GLORIA - AC5 (EN STANDARD) | UNIT | |
| DENSITY | ÇAMSAN ENTEGRE | 920 ± %3 | 920 ± %3 | 920 ± %3 | 920 ± %3 | kg/m ³ | |
| THICKNESS SWELLING | | ≤ %18 | ≤ %15 | ≤ %15 | ≤ %15 | % | |
| WIDTH OF THE SURFACE LAYER (W) | TS EN 13329+A2 | $\Delta W_{average} \leq 0,10$ $\Delta l_{average} \leq 0,10$, $W_{max} - W_{min} \leq 0,20$ $L_{max} - L_{min} \leq 0,20$ | $\Delta W_{average} \leq 0,10$ $\Delta l_{average} \leq 0,10$, $W_{max} - W_{min} \leq 0,20$ $L_{max} - L_{min} \leq 0,20$ | $\Delta W_{average} \leq 0,10$ $\Delta l_{average} \leq 0,10$, $W_{max} - W_{min} \leq 0,20$ $L_{max} - L_{min} \leq 0,20$ | $\Delta W_{average} \leq 0,10$ $\Delta l_{average} \leq 0,10$, $W_{max} - W_{min} \leq 0,20$ $L_{max} - L_{min} \leq 0,20$ | mm | |
| LENGTH OF THE SURFACE LAYER (l) | | $1 \leq 1500 : \Delta l \leq 0,5$ mm, $1 > 1500 : \Delta l \leq 0,3$ mm/m. | $1 \leq 1500 : \Delta l \leq 0,5$ mm, $1 > 1500 : \Delta l \leq 0,3$ mm/m. | $1 \leq 1500 : \Delta l \leq 0,5$ mm, $1 > 1500 : \Delta l \leq 0,3$ mm/m. | $1 \leq 1500 : \Delta l \leq 0,5$ mm, $1 > 1500 : \Delta l \leq 0,3$ mm/m. | mm | |
| SQUARENESS OF THE ELEMENT (q) | | $q_{max} \leq 0,20$ | $q_{max} \leq 0,20$ | $q_{max} \leq 0,20$ | $q_{max} \leq 0,20$ | mm | |
| STRAIGHTNESS OF THE SURFACE LAYER (s) | | $S_{max} \leq 0,30$ | $S_{max} \leq 0,30$ | $S_{max} \leq 0,30$ | $S_{max} \leq 0,30$ | mm / m | |
| FLATNESS OF THE ELEMENT (f) | | $f_{w, concave} \leq \% 0,15$, $f_{w, convex} \leq \% 0,20$ $f_{l, concave} \leq \% 0,50$, $f_{l, convex} \leq \% 1,00$ | $f_{w, concave} \leq \% 0,15$, $f_{w, convex} \leq \% 0,20$ $f_{l, concave} \leq \% 0,50$, $f_{l, convex} \leq \% 1,00$ | $f_{w, concave} \leq \% 0,15$, $f_{w, convex} \leq \% 0,20$ $f_{l, concave} \leq \% 0,50$, $f_{l, convex} \leq \% 1,00$ | $f_{w, concave} \leq \% 0,15$, $f_{w, convex} \leq \% 0,20$ $f_{l, concave} \leq \% 0,50$, $f_{l, convex} \leq \% 1,00$ | mm | |
| OPENING BETWEEN ELEMENTS(O) | | $O_{average} \leq 0,15$, $O_{max} \leq 0,20$ | $O_{average} \leq 0,15$, $O_{max} \leq 0,20$ | $O_{average} \leq 0,15$, $O_{max} \leq 0,20$ | $O_{average} \leq 0,15$, $O_{max} \leq 0,20$ | mm | |
| HEIGHT DIFFERENCE BETWEEN ELEMENTS | | $h_{average} \leq 0,10$, $h_{max} \leq 0,15$ | $h_{average} \leq 0,10$, $h_{max} \leq 0,15$ | $h_{average} \leq 0,10$, $h_{max} \leq 0,15$ | $h_{average} \leq 0,10$, $h_{max} \leq 0,15$ | mm | |
| SURFACE SOUNDNESS | | TS EN 13329 / TS EN 311 | ≥ 1,25 | ≥ 1,25 | ≥ 1,25 | ≥ 1,25 | N / mm ² |
| HUMIDITY | | TS EN 322 | %4 ≤ H ≤ %10 $H_{max} - H_{min} \leq \%3$ | %4 ≤ H ≤ %10 $H_{max} - H_{min} \leq \%3$ | %4 ≤ H ≤ %10 $H_{max} - H_{min} \leq \%3$ | %4 ≤ H ≤ %10 $H_{max} - H_{min} \leq \%3$ | % |
| FREE FORMALDEHYDE AMOUNT | TS EN 12460-3 | E0: ≤ 1,75 E1: 1,75 < x ≤ 3,50 | E0: ≤ 1,75 E1: 1,75 < x ≤ 3,50 | E0: ≤ 1,75 E1: 1,75 < x ≤ 3,50 | E0: ≤ 1,75 E1: 1,75 < x ≤ 3,50 | mg / m ² . h | |
| DIMENSIONAL VARIATIONS AFTER CHANGES IN RELATIVE HUMIDITY | TS EN 13329 / TS EN 318 | $\delta l_{average} \leq 0,9$, $\delta W_{average} \leq 0,9$ | $\delta l_{average} \leq 0,9$, $\delta W_{average} \leq 0,9$ | $\delta l_{average} \leq 0,9$, $\delta W_{average} \leq 0,9$ | $\delta l_{average} \leq 0,9$, $\delta W_{average} \leq 0,9$ | mm | |
| ABRASION RESISTANCE | TS EN 13329 | AC4; ≥ 4000 | AC5; ≥ 6000 | AC5; ≥ 6000 | AC5; ≥ 6000 | Rev | |
| SMALL-DIAMETER BALL IMPACT RESISTANCE | TS EN 17368 | ≥ 35 mm | ≥ 70 mm | ≥ 70 mm | ≥ 70 mm | N, mm | |
| LARGE-DIAMETER BALL IMPACT RESISTANCE | TS EN 13329 / TS EN 438-2 | ≥ 750 mm | ≥ 1000 mm | ≥ 1000 mm | ≥ 1000 mm | | |
| RESISTANCE TO STAINING | TS EN 438-2 | 5 (group 1 ve group 2), 4 (group 3) | 5 (group 1 ve group 2), 4 (group 3) | 5 (group 1 ve group 2), 4 (group 3) | 5 (group 1 ve group 2), 4 (group 3) | Class | |
| EFFECT OF A CASTOR CHAIR | TS EN 425 | 25.000 cycles - no damage | No change in appearance or damage | 25.000 cycles - no damage | 25.000 cycles - no damage | View | |
| EFFECT OF A FURNITURE LEG | TS EN 424 | No damage shall be visible | No damage shall be visible | No damage shall be visible | No damage shall be visible | View | |
| APPEARANCE, SURFACE DEFECTS | TS EN 438-2 | Minor surface defects as defined in the EN 438 series are permitted. | Minor surface defects as defined in the EN 438 series are permitted. | Minor surface defects as defined in the EN 438 series are permitted. | Minor surface defects as defined in the EN 438 series are permitted. | View | |
| STATIC INDENTATION | TS EN ISO 24343-1 | ≤ 0,05 | ≤ 0,05 | ≤ 0,05 | ≤ 0,05 | mm | |
| LIGHT FASTNESS | TS EN 20105 | Not worse than 4 | Not worse than 4 | Not worse than 4 | Not worse than 4 | Class | |
| LOCKING RESISTANCE | ISO 24334 | Fl ≥ 1 kN/m Fs ≥ 2 kN/m | Fl ≥ 1 kN/m Fs ≥ 2 kN/m | Fl ≥ 1 kN/m Fs ≥ 2 kN/m | Fl ≥ 1 kN/m Fs ≥ 2 kN/m | N / mm ² | |

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