



L-735-AF2055 - Toile



L-735-AF2056 - Jute



L-735-SH0073 - Patine



L-735-SH2503 - Velours



L-735-SH2505 - Raphia

## LAMINATE ATELIER 12 MM - Waterproof - TECHNICAL SPECIFICATIONS

|               |                                              |
|---------------|----------------------------------------------|
| Dimension     | 6.5" x 48" (162mm x 1215 mm)                 |
| Packaging     | 10                                           |
| Weight/Box    | 47.62 lbs /21.61 kg                          |
| Coverage/ Box | 21.58 ft <sup>2</sup> / 2.004 m <sup>2</sup> |
| Installation  | Droplock                                     |
| Thickness     | 12mm                                         |
| Surface       | AC4 EIR Finish                               |

| Property                                       | Test Method                     | Unit                 | Required Values                                                              |
|------------------------------------------------|---------------------------------|----------------------|------------------------------------------------------------------------------|
| Density                                        | TS EN 323                       | [kg/m <sup>3</sup> ] |                                                                              |
| Thickness Difference Between Elements (t)      | TS EN 13329                     | [mm]                 | average < 0.50 mm / t max – t min < 0.50 mm                                  |
| Abrasion Resistance                            | TS EN 438-7                     | [Cycle]              | ≥ 6000 cycles                                                                |
| Squareness of the Element (q)                  | TS EN 13329                     | [mm]                 | q max ≤ 0.2 mm                                                               |
| Length of Surface Layer (l)                    | TS EN 13329                     | [mm]                 | l ≤ 1500 mm → difference ≤ 0.5 mm; l > 1500 mm → difference ≤ 0.3 mm         |
| Width of Surface Layer (w)                     | TS EN 13329                     | [mm]                 | w average difference ≤ 0.10 mm; w max – w min ≤ 0.20 mm                      |
| Straightness of Surface Layer (s)              | TS EN 13329                     | [mm]                 | s max ≤ 0.30 mm/m                                                            |
| Surface Smoothness (f)                         | TS EN 13329                     | [mm]                 | fw concave ≤ 0.15%; fw convex ≤ 0.20%; fl concave ≤ 0.50%; fl convex ≤ 1.00% |
| Gap Between the Elements (o)                   | TS EN 13329                     | [mm]                 | o average ≤ 0.15 mm; o max ≤ 0.20 mm                                         |
| Height Difference Between Elements (h)         | TS EN 13329                     | [mm]                 | h average ≤ 0.10 mm; h max ≤ 0.15 mm                                         |
| Surface Soundness                              | TS EN 13329                     | [N/mm <sup>2</sup> ] | AC5 ≥ 1.25 N/mm <sup>2</sup>                                                 |
| Scratch Resistance                             | TS EN 438-7                     | [N]                  | > 3.5 N                                                                      |
| Micro Scratch Resistance                       | TS EN 16094                     | [Level]              | Level 1                                                                      |
| Armchair Wheel Impact                          | TS EN 425                       | [Cycle]              | 25,000 cycles — no visible change                                            |
| Furniture Leg Impact                           | TS EN ISO 16581                 | [Visual]             | No visible damage                                                            |
| Hot Containers Resistance                      | TS EN 13329                     | [Class]              | Class 4                                                                      |
| Water Vapor Resistance                         | TS EN 13329                     | [Class]              | Class 4                                                                      |
| Stain Resistance                               | TS EN 13329                     | [Class]              | Class 5                                                                      |
| Small Ball Test                                | TS EN 13329                     | [mm]                 | ≥ 70 mm 700mm                                                                |
| Large Ball Test                                | TS EN 13329                     | [mm]                 | ≥ 1000 mm                                                                    |
| Swelling in Water for 24h                      | TS EN 13329                     | [%]                  | < 15% < 10%                                                                  |
| Formaldehyde Emission Class(es)                | TS EN ISO 12460-5 / ASTM D 6007 | [mg/100g] / [ppm]    | E0, CARB2, TSCAE1                                                            |
| Impact Insulation Class (IIC)*                 | ASTM E492 & E989                |                      | 64                                                                           |
| Sound Transmission Class (STC)*                | ASTM E490 & E413                |                      | 62                                                                           |
| Improvement in Impact Insulation Class (AIIC)* | ASTM E2179 & E989               |                      | 41                                                                           |

|                             |                        |        |                                    |
|-----------------------------|------------------------|--------|------------------------------------|
| Length & Width Tolerance    | TS EN 324-1 / EN 622-1 | [mm]   | ± 2.0 mm/m, max ± 5.0 mm           |
| Squareness                  | TS EN 324-1 / EN 622-1 | [mm/m] | ± 2.0                              |
| Edge Straightness Tolerance | TS EN 324-1 / EN 622-1 | [mm/m] | ≤ 1.5                              |
| Thickness Tolerance         | TS EN 324-1 / EN 622-1 | [mm]   | ± 0.2                              |
| Standard Sanding            | —                      | —      | K120 (available on special demand) |