

TECHNICAL DATA SHEET

AUTHENTIC WOOD 1231

MATERIAL GROUP: 42282

| | | | |
|--------------|-----------------|-------------------------|---|
| Dimensions | mm | 1292 x 194 x 12 | According to EN 13329 |
| | Process | DPL | |
| | Base board | HDF (810 – 850 kg / m³) | According to EN 316 |
| Construction | Locking system | 5G | Produced under license of Välinge Innovation AB |
| | Edges treatment | Moisture Plus | |
| Guarantee | Years | 20 | |

REQUIREMENTS FOR CLASSIFICATION

| | | | |
|--------------------------------|--------------------------|--|--|
| Abrasion resistance | EN 13329 – Annex E | AC3 | AC3 |
| Impact resistance | EN 13329 | IC1 | IC1 |
| Stain resistance | EN 438-2 (Group 1,2 & 3) | Groups 1&2: grade 5 - group 3: ≥ grade 4 | Groups 1&2: grade 5 - group 3: ≥ grade 4 |
| Resistance to cigarette burns | EN 438-2 | ≥ grade 4 | ≥ grade 4 |
| Effect of furniture legs | EN 424 | No damage | No damage |
| Castor chair test (soft rolls) | EN 425 | No change in appearance or damage | No change in appearance or damage |
| Thickness swelling | EN 13329 – Annex G | ≤ 18 % | ≤ 18 % |

GENERAL REQUIREMENTS

| | | | |
|--|----------|---|--|
| Thickness | EN 13329 | Nominal thickness +/- 0,5 mm | 12 mm; +/- 0,4 mm |
| Length | EN 13329 | Nominal length +/- 0,5 mm | 1292 mm; +/- 0,2 mm |
| Width | EN 13329 | Nominal width +/- 0,5 mm | 194 mm; +/- 0,1 mm |
| Squareness (q) | EN 13329 | q max ≤ 0,2 mm | ≤ 0,1 mm |
| Straightness of the surface layer (s) | EN 13329 | s max ≤ 0,3 mm/m | ≤ 0,3 mm/m |
| Flatness width | EN 13329 | Concave ≤ 0,15% – Convex ≤ 0,20% | Concave ≤ 0,15% – Convex ≤ 0,20% |
| Flatness length | EN 13329 | Concave ≤ 0,50% – Convex ≤ 1,00% | Concave ≤ 0,50% – Convex ≤ 1,00% |
| Opening between elements (o) | EN 13329 | o average ≤ 0,15 mm – o max ≤ 0,20 mm | o average ≤ 0,15 mm – o max ≤ 0,20 mm |
| Height difference between elements (h) | EN 13329 | h average ≤ 0,10 mm – h max ≤ 0,15 mm | h average ≤ 0,10 mm – h max ≤ 0,15 mm |
| Dimensional variations | EN 13329 | ≤ 0,9 mm | ≤ 0,9 mm |
| Light fastness | EN 13329 | Blue wool scale – EN ISO 105 ≥ level 6 Grey scale – EN 20105 ≥ level 4 | ≥ level 6 ≥ level 5 |
| Static indentation | EN 433 | No visible change, indentation ≤ 0,01 mm | No visible change, indentation ≤ 0,01 mm |
| Surface soundness | EN 13329 | ≥ 1,00 N/mm² | ≥ 1,60 N/mm² |

USE AND SAFETY

| | | | |
|---------------------------------------|---------------------|-------------------|-------------------|
| Flame resistance | EN 13501-1 | at least Cfl-s1 | Cfl-s1 |
| Formaldehyde emission | EN 717-1 | E1 | E1 |
| Slip resistance: friction coefficient | EN 14041 / EN 13983 | ≥ 0,30 – class DS | ≥ 0,30 – class DS |
| Thermal resistance | DIN EN 12667 | ≤ 0,150 m²K/W | ≤ 0,150 m²K/W |

LOGISTIC INFORMATION

| | | | |
|------------------------------|--------|-----------------------------------|------|
| Planks/box – Planken/Packung | 5 | Boxes/palette – Packungen/Palette | 56 |
| m²/box – m²/Packung | 1,253 | kg/m² | 10,3 |
| m²/palette – m²/Palette | 70,168 | | |



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Manufactured by: Laminate Park GmbH & Co. KG
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