

laminate designer series

petali walnut

| | |
|----------------------|------------------------|
| dimensions | 1220 x 302 x 8mm |
| thickness | 8mm |
| length | 810mm |
| width | 302mm |
| grade | Ac4 |
| area per box | 23.79 sqft |
| design | designer planks |
| composition | decor film + HDF board |
| lock | click n lock |
| underfloor heating | suitable |
| residential warranty | 10 years |
| commercial warranty | 5 years |

test certificates

| No. | Test Items | Unit | Standard Requirements | Test Results | |
|-------------------|---------------------------------|---|-----------------------|---|---------|
| 1 | Specification Characteristic | Dimensions | mm | 1220x402x8mm; 1220x302x8mm | |
| | | Length Of The Surface Lay, L | mm | L≤1500mm: ΔL≤0.5mm L > 1500mm: ΔL≤0.3mm/m | 0.4-0.8 |
| | | Width Of The Surface Lay, W | mm | ΔW average≤0.10mm, | 0.04 |
| | | | mm | Wmax-Wmins≤0.20mm | 0.02 |
| | | Thickness Of The element, T | mm | ΔT average≤0.50mm, | 0.21 |
| | | | mm | Tmax-Tmins≤0.50mm | 0.06 |
| | | Squareness of the element, Q | mm | ≤0.20mm | 0.10 |
| | | Straightness of the surface layer, S | mm/m | ≤0.30mm | 0.1 |
| | | Flatness of the element, F | | Fw1 concave≤0.15% Fw1 convex≤0.15% | 0.06 |
| | | | | FL1 concave≤0.50% FL1 convex≤1.00% | 0.31 |
| | | Opening between elements, O | mm | Oaverage≤0.15mm | 0.05 |
| | | | mm | Omax≤0.20mm | 0.09 |
| | | Height difference between elements, H | mm | Oaverage≤0.10mm | 0.03 |
| mm | Omax≤0.15mm | | 0.08 | | |
| 2 | Appearance | frosting and water mark | | Surface:total≤3%;Back:Allow | Non |
| | | Surface scratch | | Surface:Not allow; Back: No reveal HDF | Non |
| | | Surface indentation | | Surface:Not allow; Back: Not Allow | Non |
| | | Reveal Core | | Surface:Not allow; Back: Not Allow | Non |
| | | Shine nonuniform | | Surface:Totals≤3% ; Back: Allow | Non |
| | | Stain | | Surface:Total≤10mm ² ; Back: Allow | Non |
| | | Bubble | | Surface: Not allow ; Back: Totals≤10mm ² | Non |
| | | Bump | | Surface: Not allow ; Back: Totals≤10mm ² | Non |
| | | Paper avulsion | | Surface: Not allow ; Back: Totals≤100mm ² | Non |
| | | Part short of paper | | Surface: Not allow ; Back: Totals≤20mm ² | Non |
| | | Defect of edges | | Surface: Not allow ; Back: Allow | Non |
| | | Layer fracturing | | Surface: Not allow ; Back: Not Allow | Non |
| | | Layer separated | | Surface: Not allow ; Back: Not Allow | Non |
| Lock edges defect | | Surface: Not allow ; Back: Not Allow | Non | | |

| No. | Test Items | Unit | Standard Requirements | Test Results |
|------------------------|---|------------------------------|--|--------------|
| 3 | Static indentation, S | Mpa | Thickness > 8mm: Saverage≥30.00 | 32.51 |
| | | Mpa | Thickness > 8mm: Smin≥24.00 | 30.11 |
| | Internal bond strength, I | Mpa | Iaverage≥1.00 | 1.30 |
| | | Mpa | Imin≥0.80 | 1.20 |
| | Humidity at dispatch from the manufacturer, % | | Moisture content of 3%-10% | 6.50 |
| | Density | g/m3 | ≥0.85 | 0.86 |
| | Thickness swelling, % | | ≤18% | 13% |
| | The bond strength of the surface | Mpa | Iaverage≥1.00 | 1.30 |
| | | Mpa | Imin≥0.80 | 1.10 |
| | The surface resistance to hot and cold cycle | | After 4 weeks, samples inside more than 1 hour, non defect of surface. Then bring the sample in 80±2°C and -20±2°C temperature about 2 hours | Non defect |
| | Scratch resistance of surface | | decorative paper nor scratch with 4.0N Applied force | Non defect |
| | Dimensional soundness | mm | ≤0.90 | 0.50 |
| Abrasion resistance, R | | AC4≥4000 | Non defect after testing | |
| 4 | Resistance to cigarette burns | | Non any defect after cigarette | Non |
| | Resistance to dry heat | | Non any defect | Non |
| | Resistance to staining | | Non staining | Non |
| | Resistance to fracturing | | Non defect check with sixfold magnifying glass | Non |
| | Impact resistance | mm | ≤10 | 8 |
| | | mm | ≤10 | 8 |
| | | mm | ≤10 | 7 |
| Formaldehyde emission | mg/L | E1≤1.5 | 0.8 | |
| Light Fastness | | Grey scale, not worse than 4 | 4 | |
| Remark | | | | |

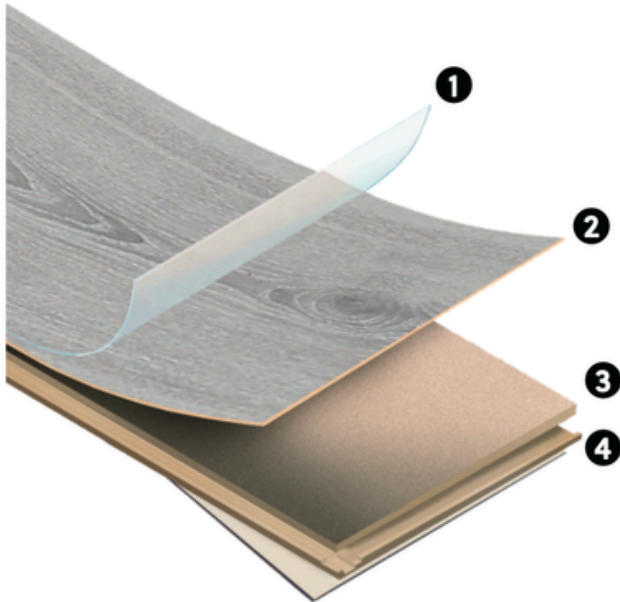
In case of any further queries, feel free to reach us at contact@kaaradecor.com

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What is a laminate floor made of?



- ❶ An **overlay** that determines the strength and resistance of your floor
- ❷ A **decor paper** for the design
- ❸ A **high-density fibreboard (HDF) core**
- ❹ A **counterbalance** to stabilise and protect the HDF core



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