

4.7mm 12mil Glue Down KAI

Characteristic	Test Specification and Result
Sizes (in inches)	9x48; 9x72; 12x12; 12x24; 12x36; 12x48; 18x18; 18x36; 24x24; 36x36; 36x48
Thickness	3.2mm
Attachment / Backing	1.5mm KAI (Kolay Acoustically Integrated)
Squareness	ASTM F2055 – Passes - 0.010 in. max
Size and Tolerance	ASTM F2055 – Passes - +0.016 in per linear foot
Thickness	ASTM F386 – Passes – Nominal +0.005 in.
Flexibility	ASTM F137 – Passes - ≤1.0 in., no cracks or breaks
Dimensional Stability	ASTM F2199 – Passes - ≤ 0.024 in. per linear foot
Heavy Metal Presence / Absence	EN 71-3 C -- Meets Spec. (Lead, Antimony, Arsenic, Barium, Cadmium, Chromium, Mercury and Selenium).
Smoke Generation Resistance	EN ISO 9239-1 (Critical Flux) Results 9.1
Smoke Generation Resistance, Non-Flaming Mode	EN ISO
Flammability	ASTME648- Class 1 Rating
Residual Indentation	ASTM F1914 – Passes – Average less than 8%
Static Load Limit	ASTM-F-970 Passes 1000psi
Requirements for Wear Group	prEN 660-1 Thickness Loss 0.30<I<0.60 prEN 660-2 Volume Los 7.5<F <15.0
Acoustical Properties	ASTM E492-09 – IIC Rating 58 Floor Assembly – 6" concrete with drop ceiling
Slip Resistance	ASTM D2047 – Passes - > 0.6 Wet, 0.6 Dry
Resistance to Light	ASTM F1515 – Passes – ΔE ≤ 8
Resistance to Heat	ASTM F1514 – Passes – ΔE ≤ 8
Electrical Behavior (ESD)	EN 1815: 1997 2,0 kV when tested at 23 C+1 C
Underfloor Heating	Suitable for installing over heated floors max 90 degrees.
Curling After Exposure to Heat	EN 434 < 2mm pass
Recycled Vinyl Content	Approximately 40%
Recyclability	Can be recycled
Product Warranty	25-Year Commercial & 25-Year Residential, Limited To view visit kolayflooring.com/technical-specs
Floorscore Certified	Certificate Provided Upon Request

* Issue date most current at time of testing.