KITE LAMINATE RANGE · 10MM CLICK LAMINATE

Pro XL Laminate

Extra-long, extra-wide boards rated for commercial floors

Water-resistant joints

1780mm	246mm	AC6	Class 33
Board length	Board width	Abrasion class	Commercial intense use

Product specification

Construction	Laminate
Board size	10 × 246 × 1780mm
Thickness	10mm
Joint	Click-lock (floated)
Use class	23 domestic / 33 commercial
Abrasion class	AC6
Fire classification	Bfl-s1
Slip resistance	DS (μ ≥ 0.3)
Formaldehyde emissions	< 0.05 ppm
Antibacterial surface	≥ 99.9% in 24 hours
Antistatic	Yes (< 2 kV)
Thermal resistance	0.069 m²K/W
Underfloor heating	Yes, with suitable underlay
CE marked	Yes (EN 14041)

Where it works

Class 33 is the top commercial rating for laminate: shops, schools and open-plan offices. At home, that means kitchens, hallways and family rooms, kids and dogs included, without anyone having to tiptoe.

Water and spills

In testing, the joints held 24 hours of standing water without a leak, and swelling stayed under 0.3mm. A knocked-over glass or a wet dog is fine. Mop spills up when you see them, and talk to us before putting it in a bathroom.

Underfloor heating

Works over wet and electric systems with a low-resistance heating underlay: floor and underlay together come in under 0.15 m²K/W, so the heat gets through. Over a cold subfloor, an insulating underlay takes it above 0.22 m²K/W for a warmer floor underfoot.

Fitting

Floated over an underlay with a click-lock joint, so there's no glue and no nails, and it goes down quickly. Fitted by our own team, it comes with a 12-month Kite installation warranty. Fitted by anyone else, it needs to go down to the manufacturer's fitting instructions to keep the product warranty intact. Full test results are on page 2.

Specifications are correct at the time of publication and may change without notice. Please check the latest details with the Kite team before ordering. Kite Designs Ltd, company no. 12138377.

Pro XL Laminate: test results

Declared performance to EN 14041 and EN 13329

PROPERTY	RESULT	TEST METHOD
Dimensions and tolerances		
Thickness	10mm · avg ≤ 0.50mm from nominal, spread ≤ 0.5mm	EN 17539
Length	1780mm · ≤ 0.3 mm/m from nominal	EN 17539
Width	246mm · avg ≤ 0.10mm, spread ≤ 0.20mm	EN 17539
Squareness	≤ 0.20mm	EN 17539
Straightness	≤ 0.30 mm/m	EN 17539
Flatness, lengthways	Concave ≤ 0.50% · convex ≤ 1.00%	EN 17539
Flatness, widthways	Concave ≤ 0.15% · convex ≤ 0.20%	EN 17539
Gaps between boards	Avg ≤ 0.15mm · max ≤ 0.20mm	EN 17539
Height difference between boards	Avg ≤ 0.07mm · max ≤ 0.10mm	EN 17539
Movement with humidity change	≤ 0.9mm length and width	EN 13329 Annex A
Wear and durability		
Use class	23 domestic intense / 33 commercial intense	EN 685 Annex A
Abrasion resistance	AC6	Method A
Impact, small ball	≥ 70mm	EN 17368
Impact, large ball	≥ 750mm	EN 13329 Annex C
Stain resistance	5 (groups 1 and 2) · 4 (group 3)	EN 438-2
Furniture leg	No visible damage (foot type 0)	EN ISO 16581
Castor chair	No damage after 20,000 cycles (type W wheels)	EN ISO 4918
Static indentation	Residual ≤ 0.05mm	EN ISO 24343-1
Light fastness	Blue wool ≥ 6 · grey scale ≥ 4	EN ISO 4892-2:2013
Surface soundness	≥ 1.25 N/mm²	EN 13329 Annex B
Thickness swelling	≤ 8%	ISO 24336
Locking strength	fl 0.2 ≥ 1 kN/m · fw 0.2 ≥ 2 kN/m	ISO 24334
Water and moisture		
Water resistance	Recovery swell ≤ 0.3mm · swell rating < 3	ISO 4760:2022
Water through joints	No leaks after 24 hours of exposure	ISO 4760:2022 Annex D
Moisture content at dispatch	4–10%, ≤ 3% spread within a batch	EN 322
Health, safety and comfort		
Formaldehyde emissions	< 0.05 ppm · < 0.11 ppm (CARB P2 / TSCA VI)	EN 717-1 · REACH Annex XVII
Pentachlorophenol (PCP)	Not detectable	CEN/TR 14823
Antibacterial efficiency	≥ 99.9% reduction in 24 hours	ISO 22196
Reaction to fire	Bfl-s1	EN ISO 9239-1 · 11925-2
Slip resistance, dry	Class DS (μ ≥ 0.3)	EN 13893
Slip resistance, usage class	Class 1 (15 < Rd ≤ 35); one texture reaches Class 2	EN 16165:2022
Static	Antistatic · body voltage < 2 kV	EN 1815 · EN 14041
Thermal resistance	0.069 m²K/W	EN 12667
Surface appearance	Minor defects only, as allowed by EN 438	EN 438-2
CE marking	Yes	EN 14041

Results are declared performance values from independent testing. Specifications are correct at the time of publication and may change without notice. Kite Designs Ltd, company no. 12138377.