

look inside



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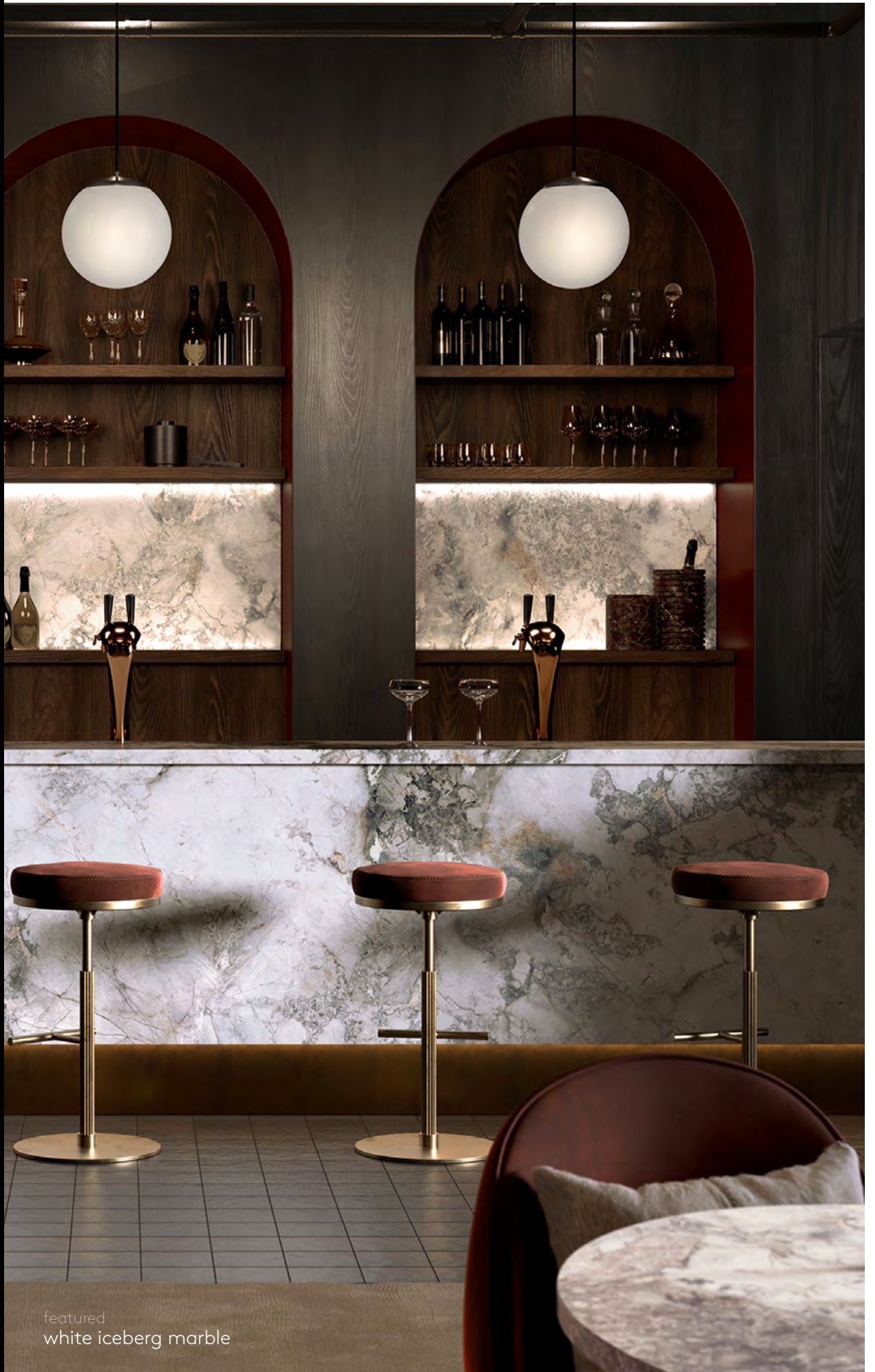
compact laminate 12mm
technical datasheet

2024

compact laminate

High-pressure decorative laminates offer a stylish appearance with exceptional durability, including resistance to impact, abrasion, water, and extreme temperatures. They are also dimensionally stable, non-corrosive, and easy to clean. For optimal performance, store Slim Line boards in a dry, covered area at 15-25°C with 50% humidity, keeping them at least 1 meter away from heat sources. Avoid humid conditions and surface water to prevent warping. Store in original Kronospan packaging on pallets, and remove the foil from foiled boards immediately after assembly. Available in 12 mm thickness with sizes of 4100 x 1300 mm and 4100 x 650mm, these laminates are ideal for worktops in kitchens, offices, and hotels.

Parameter	Unit	Standard	Requirements
Thickness	mm	438-2.5	12,0 ± 0,60
Length	mm	438-2.6	+10/ -0
Width	mm	438-2.6	+10/ -0
Flatness	mm/m	438-2.9	≤ 3,0
Straightness of edges	mm/m	438-2.7	≤ 1,5
Squareness	mm/m	438-2.8	≤ 1,5
Resistance to surface wear	IP (rpm)	438-2.10	≥ 150
Resistance to impact with large diameter ball	Drop height, [mm]	438-2.21	≥ 1800
Scratch resistance	Appearance, grade	438-2.25	Smooth finishes ≥2 Textured finishes ≥3
Dry heat resistance	Appearance, grade	438-2.16	SQ finish ≥3 Other finishes ≥4
Resistance to immersion in boiling water	Mass gain [%]	438-2.12	≤2 v
	Thickness gain [%]		≤2 v
	Appearance, surface rating		SQ finish ≥4 Other finishes ≥3
	Appearance, edge rating		≥3
Resistance to water vapour	Appearance, grade	438-2.14	SQ finish ≥3 Other finishes ≥4
Resistance to staining	Group 1 i 2, grade	438-2.26	≥ 5
	Group 3, grade		≥4
Resistance to crazing	Appearance, grade	438-2.24	≥4
Flexural modulus	[MPa]	EN ISO 178	≥ 9000
Flexural strength	Stress, [MPa]	EN ISO 178	≥ 80
Density	[g/cm ³]	EN ISO 1183-1	≥ 1,35
Fire class	Classification	EN 13501-1	C-s1, d0



featured
white iceberg marble

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The colours shown in this flyer are an indication of the actual colour. For the most accurate colour-match sample, please visit the Nikpol website to order colour samples at www.nikpol.com.au

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