



HDF LAMINATED FLOORING

Performance Technical Specification

<i>Technical Properties</i>	<i>Standard</i>	<i>Characteristics/Result</i>	<i>Description</i>
Abrasion Test	EN 13329 EN13329	IP> 2,500 Revolutions AC3/Class 31 (heavy domestic, Moderate commercial grade)	Taber Abraser test. Two weighed rollers with sandpaper are run on specimen. Measure the number of revolutions for the “IP” (Initial Point). First visible attack on surface and “FP” (Final Point) surface ground through to under layer/core. “IP” and “FP”
Thickness Swelling Test	EN 13 329	< 8% swelling	Determine the initial thickness of the rest specimen perpendicular on the extreme edges at the six points and immerse in water for 24 hrs +/- 15 MIN. Dry the specimens with towel and determine the final thickness on the same six measuring points. Calculate for each pair of values and thickness in %.
Stain Resistance	EN 438.2.15	Rating 5 (No Effect)	A number of substances commonly used in day to day life are applied to specimen. i.e. foodstuff, drinks (citric acid etc), nail polish, shoe polish, detergents, and then removed by solvent as required to clean the surface. The surface is inspected for permanent stains/changes. Ratings scale: Rating 5 – no effect to rating 1 – surface distortion.
Cigarette	EN 438.2.18	Degree 5 (No visible change)	A lit cigarette is put on the surface for a defined period of time. After removal, no surface damaged is allowed detected however very slight discoloration is permissible.



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UV / Color Resistance Test	EN ISO 105 BO2	Level 6 (No discoloration)	A specimen together with a series of standard blue wool specimens (with numbers) are partial exposed to the UV light until the standard blue wool number 6 discolor.
Fire Classification	DIN 4102	Flame retardant B1	The surface of the specimen, specifically installed in the specimen holder will be exposed to flame for 10 min. From the distant burnt to the flame out, the critical irradiance and the integral light alteration are obtained (in compliance to DIN 4102 part 14).
Impact Resistance	EN 13 329	IC 1	A steel ball (42.8mm diameter 324gm)is made to fall from a specific height on the specimen. Measured is the maximum height without damage.
Test Rolling A Chair On Castor	EN 425	No visible damage	Weighed chair castors (soft) are move in circles of 50,000 – 100,000 revolutions.
Simulated Pushing of Furniture Leg	EN 425	No visible damage	Chair legs of most common type (Type O) Is drag across the floor and the damage is observe afterwards.