

Akira 雅綺

- WOOD SERIES 木紋系列 -



SIZE : 186mm x 940mm
THICKNESS : 3.0mm
WEAR LAYER : 0.39mm (UV Coating)



Superior Abrasion Tile

AKIRA WOOD TILE offers a spectrum of commercial floors with a transparent wear layer of superior abrasive resistance to meet the durability requirements of institutional and commercial application. Available in a wide range of colours/designs, they provide the spark for creative interior environment.

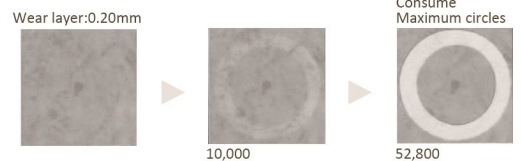
RECOMMENDED APPLICATION

Institutional & Health Care, Public Buildings, Shopping Mall, Supermarket, Retail Outlets, Private Housing, Hotels and Condominiums.

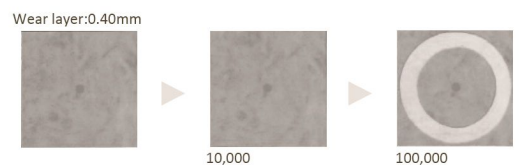
Characteristics	Test Method
Resistance to chemical	EN423:93 Pass Class 0
Bearing castor	EN425:94 Pass
Dimension squareness and straightness	EN427:94 Pass
Thickness overall	EN428:93 Pass
Thickness wear layer	EN429:93 Pass
Residual indentation after static load	EN433:94 Pass
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Dimensional stability and curling after exposure to heat	EN435:94 Pass
Shrinkage Rate	0.25%
Curling	2mm
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Flexibility	EN435:94 (A)Pass Bend around 20mm mandrel shows no Sign of cracking
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Abrasion Resistance	EN660-1/-2 Pass
Color fastness to light	EN 20 ISO 105-B02 6 of above Pass
Toxic element test	EN 71-3 Pass
Specific gravity	ASTM D792:91 Pass
Coefficients of friction	ASTM D1894:01 Pass
Sound reduction	DIN 52210:4db
Flammability	EN 71-2 Pass
Smoke density	DIN4102/ASTM D2843-99:Class B1
Electrical resistance	EN1081 Method C: Pass
Fungus test	ASTM G21:96 Pass Grade 1
IMO resolution	MSC61(67)Part 2 Pass MSC61(67)Part 5 Pass

ABRASION TEST

Purpose: To find out the abrasion effect the test until consume all the wear layer.



Test Method: 500 and 1000 scratching circles to identify losing of wear layer in thickness. Repeat test as the above until consume all the wear layer.



Test Condition: Heavy of the scratching roller-5n (500gf). Specs of the scratching roller-cs-& (sandpaper) cleaning the surface after each 1000 circles and change the sand paper after each 5000 circles.

