

## Technical specification

	STANDARD	RESULT						
Warranty Commercial	/	30 Years						
Warranty Residential	/	Lifetime*						
Classification Commercial	ISO 10874	34						
Classification Domestic	ISO 10874	N/A						
Total Thickness	ISO 24346	8.0mm						
Wear Layer	ISO 24340	0.7mm						
Bevelled Edge	/	Micro Bevell						
Underlay	/	1.50mm PU Foam						
Surface Treatment	/	Scratch Guard PU Coating						
Click Locking System	/	I4F						
Water Resistance	/	100%						
Mass Per Unit Area	ISO 23997: 2007 (E)	6950						
Standards	EN 16511	/						
Slip Resistance**	EN 13893: 2003	R10						
		<table border="1"> <thead> <tr> <th>TILE TRAVERTINE/SLATE</th> <th>TILE MARBLE</th> </tr> </thead> <tbody> <tr> <td>                     Longitude direction:                      Mean: 46; Min: 44                      Horizontal direction:                      Mean: 44; Min: 42                 </td> <td>                     Longitude direction:                      Mean: 46; Min: 44                      Horizontal Direction:                      Mean: 49; Min: 46                 </td> </tr> <tr> <td>                     Longitude direction:                      Mean: 28; Min: 28                      Horizontal direction:                      Mean: 23; Min: 22                 </td> <td>                     Longitude direction:                      Mean: 18; Min: 18                      Horizontal Direction:                      Mean: 18; Min: 18                 </td> </tr> </tbody> </table>	TILE TRAVERTINE/SLATE	TILE MARBLE	Longitude direction: Mean: 46; Min: 44 Horizontal direction: Mean: 44; Min: 42	Longitude direction: Mean: 46; Min: 44 Horizontal Direction: Mean: 49; Min: 46	Longitude direction: Mean: 28; Min: 28 Horizontal direction: Mean: 23; Min: 22	Longitude direction: Mean: 18; Min: 18 Horizontal Direction: Mean: 18; Min: 18
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Pendulum Test Dry	BS 7976-2: 2002 + A1: 2013							
Pendulum Test Wet	BS 7976-2: 2002 + A1: 2013							
Impact Sound Reduction	ISO 10140-3 - 2010 + A1 - 2015	$\Delta L_{W} = 20$ dB						
Static	ASTM F970-17	PASS 0.01mm						
Underfloor Heating		Suitable for Wet systems up to 27°C						
Dimensional Stability	ISO 23999: 2008 (E)	PASS Machine direction: 0.05 % PASS Transverse direction: 0.05 %						
Expansion/Shrinkage 23-80	ISO 24336: 2005 (E)	PASS 0.1%						
Click Tension	Per Unlin's/Valinge's Standard	PASS Long sides: 4,310 kg/m PASS Short sides: 5,200kg/m						
Reaction to Fire	EN 13501-1: 2010	Bfl-S2						
Thermal Resistance	EN 12667: 2001	0.097m <sup>2</sup> .k/w						
Chemical Resistance	ISO 26987: 2008 (E)	PASS Not affected						
Colour Fastness	ASTM F1514-03	PASS $\Delta E$ 0.56						
Staining	EN 438-2: 2016 (E)	PASS Group 1 & 2: Grade 5 PASS Group 3: Grade 5						
Light Fastness	ISO 105-B02: 1994 /Amd 1: 1998+Amd 2: 2000	PASS Grade 6						
Peel Resistance	EN 431: 1994	PASS Machine direction: 85N PASS Transverse direction: 90N						
Abrasion Resistance	EN 13329: 2016 ANNEX E	PASS 4000 Cycles						
Castor Chair Continuous Use	EN 425: 2002	PASS 25000 Cycles						
Furniture Chair Leg	BS EN424: 2002/ EN424: 2001	PASS No Visible Damage						
Indentation Residual	ISO 24343-1: 2007 (E)	PASS 0.06mm						
Impact Resistance	EN 13329: 2006 + A1: 2008, ANNEX F	PASS $\geq 1800$ mm						
VOC Emissions	ISO 16000	A+						
Formaldehyde	GB 18580 - 2001	PASS 0.02mg/L						
Phtalate Free	/	Yes						
Recycling	/	Suitable						

\*Subject to terms, please see our website. Full technical data is available on our website.

\*\*Slip resistance is measured on ex-factory product. Slip resistance in use will be affected by surface contamination and by how the product is maintained.

