

## TECHNICAL DATA SHEET

**Product Description** : 5.5+1.5mm IXPE attached padding, 20 mil wear layer  
**Size** : 9x60 (230mm x 1524 mm)

Characteristics		Methods	Test Results
<b>Geometrical Characteristics</b>			
Dimensional	Length	ISO 24337 / ASTM F2055	1524 ± 0.5 mm
	Width		230 ± 0.2 mm
Overall Thickness		ISO 24337 / ASTM F387	7.0 ± 0.2 mm
Flatness	Length	ISO 24337	Concave ≤ 0.15%, convex ≤ 0.2%
	Width		Concave ≤ 0.15%, convex ≤ 0.2%
Squareness		ASTM F2055	≤ 0.25 mm
<b>Indentation Recovery</b>			
Residual indentation		ASTM F1914	≤ 0.18 mm
Surface integrity		ASTM F1914	No puncture through wear layer
Static loading		ASTM F970/ ASTM F387	Residential: N/A
			Commercial: ≤ 0.13 mm
<b>Scratch Resistance</b>			
Micro - scratch (Martindale)		EN 16094	B1
Scratch resistance.		ISO 1518:2019 (Stylus C)	Surface is not damaged when placing weights ≥20 N
<b>Locking System</b>			
Castor chair		EN 425	Min. 9000 Cycles
<b>Thermal Stability</b>			
Dimensional Stability ( 80°C – 6h)		ISO 23999/ ASTM F2199	≤ 0.1 %
Curl (80°C – 6h)		ISO 23999/ ASTM F2199	± 2 mm
<b>Colorfastness</b>			
Impact sound insulation class (IIC)		ASTM E492-09:2016	IIC: 62
Sound transmission class (STC)		ASTM E90-09	STC: 63
<b>Colorfastness</b>			
Resistance to heat		ASTM F1514	Δ E ≤ 8
Resistance to light		ASTM F1515	Δ E ≤ 8

Characteristics	Methods	Test Results
<b>Sustainability</b>		
Fire resistance and smoke emission	EN 13501-1	Class Bfl s1
VOC Emission	BS ISO 16000 / ASTM D5116	Certified Floor score & Green Guard Gold
Phthalate content	CPSC-CH-C1001-09.3	ND
Vinyl Chloride Monomer (VCM) content	ASTM D4443-95(2002)	ND
Heavy metal	ASTM F963	Pass
<b>Other</b>		
Suitable for Underfloor Heating		Yes
		Max. 27°C
Resistance to chemicals	ASTM F925	Pass
Surface gloss	ASTM D523 - 14 (2018)	2.0 – 3.5 GU
Slip resistance	DIN 51130:2014	R9
	EN 13893	Class DS