

## HOMOGENEOUS SHEET

**Simpurity®**

### Product Information

**Construction** - Homogeneous

**Product Line** - Simpurity

**Overall Thickness** - 2.0 mm

**Wear Layer Thickness** - 2.0 mm

**Factory Finish** - Diamond 10® Technology

**Installation** - Full Spread Adhesive

Technical Data	Test Standard	Test Requirement / Method	Rating / results
Sheet width	ISO 24341	-	2 m
Sheet length	ISO 24341	-	15-20 m
Mass per unit area (weight)	ISO 23997	-	2810 g/m <sup>2</sup>
<b>Fire Test</b>			
Fire resistant	EN 13501	-	Bfl-s1
Smoke toxicity test	EN 45545-2	-	Passed
<b>Environmental and Classifications</b>			
Domestic	ISO 10874	-	23 (Heavy duty)
Commercial	ISO 10874	-	34 (Very heavy duty)
Industrial	ISO 10874	-	43 (Heavy duty)
Binder Content	EN ISO 10581	-	Type 1
Cleanliness / Cleanroom	ISO 14644	-	ISO Class 4
TVOC	ISO 16000-9	-	Not detected
Phthalates	EN 14372	-	Not detected
Heavy metals	EN 71-3	-	Not detected
Mould Resistance	ASTM G 21	-	No growth
Resistance to bacteria	ISO 846 C	-	No growth
Antimicrobial Activity	ISO 22196	-	>99.9%
<b>Performance</b>			
Slip Resistance	DIN 51130	-	≥ R9
Flexibility	ISO 24344 A	20mm mandrel no cracking	Passed
Wear Resistance	EN 660-2	Rating (Highest) T, P, M, F (Lowest)	Group T
Seam Strength	EN 648	≥ 400 N/ 50mm	Passed
Residual Indentation	ISO 24343-1	≤ 0.10 mm	Passed
Dimensional Stability	ISO 23999	≤ 0.40%	Passed
Color fastness	ISO 105-B02	≥ Grade 6	Passed
Chemical Staining Resistance	ISO 26987	Duration of Contact 2 hrs (85 items)	Not affected
Castor Chair	ISO 4918	25,000 cycles	Passed
Impact Sound Reduction	ISO 10140-3	-	4dB
Antistatic (Body voltage)	EN 1815 A	≤ 2.0kV	0.4kV

### Limited warranty

10-year Commercial Warranty when installed in strict accordance with the detailed instructions.

Visit [www.armstrongflooring.asia](http://www.armstrongflooring.asia)

for complete Product, Technical, Adhesives, Installation & Maintenance recommendations.