

ULTRACORE 500 SPC

TECHNICAL DATA SHEET

PRODUCT PROPERTIES

Thickness		5 mm
Wear Layer		0.3 mm
Dimension	Wood Series	172 mm x 1210 mm
	Stone Series	300 mm x 600 mm
Packaging	Wood Series	11 pcs / box (2.29 m2)
	Stone Series	12 pcs / box (2.16 / m2)
Underlayment Type		IXPE
Underlayment Raw Material		Polyvinyl Chloride
Underlayment Density	Weight per unit area	0.19 - 1.1 g/m2
Maximum Weight Allowance		Permanent compression rate below 5%
IXPE Underlayment Advantage		Environmental protection and non-toxic
		Moisture-proof and antibacterial
		Mute earthquake resistance

TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	ULTRACORE 500 SPC
Thickness of Wear Layer	ASTM F410-08 [2013], GB/T 4085-2015	Pass
Residual Indentation	ASTM F1914-07 [2011]	Pass
Dimension Stability	ASTM F2199-09 [2014], ASTM F2199	Pass
Staining and Resistance to Chemical	ASTM F925-13, EN ISO 26987:2012	Pass
Resistance to Heat	ASTM F1514-03 [2013], GB/T 4085-2015	Pass
Resistance to Light	ASTM F1515-15, GB/T 8427-2008	Pass
Castor Chair Resistance	EN 425/ISO 4918, GB/T 4085-2015	No obvious damage
Fungi Resistance	ASTM G21-15, GB/T 24128-2018	Grade 0
Formaldehyde Content	ASTM D6007-14, GB/T 39600-2021/GB/T 17657-2013	Not Detected
Impact Resistanc	DIN 51130:2014, ASTM E492-09	Pass
Slip Resistance	DIN 51139:2014	Pass
Fire-Resistant	EN 13501-1, EN 14041:2008	Pass
Soundproof	ASTM E492-09	IIC 56

MAINTENANCE MANUAL

PRECAUTION



HARSH CHEMICALS

Avoid using harsh alcohol-based cleaners, bleach, thinner, acetone, or other abrasive chemicals as they may damage the flooring surface. Use only recommended pH-neutral floor cleaners.



EXCESSIVE WATER

Do not use excessively wet mops or leave standing water on the floor for long periods, as it may affect the locking system and cause mold beneath the flooring.



SHARP / ABRASIVE OBJECT

Avoid using wire brushes, rough scrub pads, or sharp objects that may scratch or damage the flooring surface.



FURNITURE IMPACT

Use furniture pads under chairs, tables, and other heavy furniture to prevent scratches and surface damage caused by movement.



DIRECT SUNLIGHT

Avoid prolonged direct sunlight exposure as it may cause gradual color fading. Use curtains or UV protection film when necessary.

CLEANING PROCESS



BROOM / VACUUM

Clean dust and dirt regularly using a broom, vacuum cleaner, or dry microfiber cloth.



DAMP MOP / MICROFIBER CLOTH

Use a damp mop or microfiber cloth that has been well wrung out before cleaning the floor.



NEUTRAL FLOOR CLEANER

For light to stubborn stains, use a pH-neutral floor cleaner and wipe gently with a soft cloth or microfiber mop.



DRY IMMEDIATELY

After cleaning, ensure the flooring surface is dry and free from standing water.