

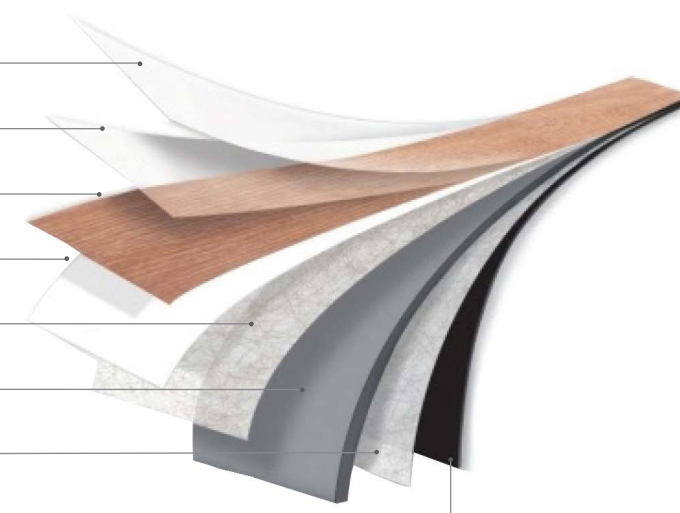


WPC

WOOD PLASTIC COMPOSITE

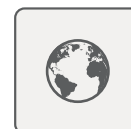
STRUCTURE

- 1 UV Surface Treatment
- 2 WEAR Layer
- 3 PRINTING Film Layer
- 4 LVT Layer
- 5 PUR Glue
- 6 WPC
- 7 IXPE Glue
- 8 IXPE



FEATURES

- 80° C/6 HOURS test : pass
- Effect of castor chair : 35000 circle no damage
- Low residual indentation, protecting your floor from potential damage.
- Impact sound reduction : 22dB



ECO-Friendly



Easy Installation



Wear Resistant



Waterproof



Sunlight From Window



Anti-Slip



Easy Maintenance



Compressive

PURE NATURAL DESIGN
BY EMBOSS REGISTER





SPECIFICATION

CLICK	2G/2G	2G/5G
6.5(4.0+1.5+1.0)/0.30mm	6"*48" 7.25"*48" 12"*24" 9"*56"	9"*56"
6.5(4.0+1.5+1.0)/0.30mm		

WPC
STRUCTURE

T.THICKNESS	WEAR LAYER	PRODUCT SIZE
7.0 mm	0.3 mm	225x1420 mm

225 x 1420MM



TEST ITEM	TEST METHOD	STANDARD	WPC
Overall Thickness	ISO 24346	avg: N+0.13mm/-0.1mm Max: N±0.15mm	5.5WPC+1.0mmIXPE
Thickness of wear layer	ISO 24340	N±0.02mm	0.5
Mass per unit area	ISO 23997	N+13%/-10%	6.7kg/m2
Dimensional stability and curling after exposure to heat	ISO 23999	0.20% curling±1.2mm	0.15% curling:0.75mm
Residual indentation	ISO 24343-1	0.10mm	0.10mm
Effect of castor chair	ISO 4918	pass (25000r)	PASS
Colour fastness to artifical light	ISO 105-B02, Method 3	≥6	6
Button type tension	ISO 10582 Annex D	≥120N/5CM	250N/5cm
Stripping resistance	ISO 24345	≥60N/5CM	70N/5cm
Flatness	ISO 10582 Annex B	≥0.5(%of the Length) ≥0.1(% of the width)	0.05% 0.04%
Flat-fell-seam	ISO 10582 Annex C	0.10MM	0.05
Height difference	ISO 10582 Annex C	0.10MM	0.05
Wear group	EN-660-2	T	T
Classification	ISO 10582	Transparently	Class 33 Class 42
Effect of stains	EN423:2001 ISO26987:2008	Not affected	Not affected
Sound insulation	ISO 10140-3 ISO717-2:1996	22dB	22dB
Reaction to fire	EN 13501-1	B fl-s 1	B fl-s 1
Content of pentachlorophenol (PCP)	Laminate as per CEN/TR 14823, textile as per CEN/TS 14494, Resilient floor not required	ND (not detected)	ND (not detected)
Formaldehyde emission	EN 717-1	PASS (below E1)	PASS (below E1)
Slip resistance	EN 13893	Class DS (u ≥0.3)	Class DS (u ≥0.3)
The body voltage	EN 1815	≤2.0kv	≤2.0kv
Vertical resistance	EN 1081	>3x1010Ω	>3x1010Ω
Resistance	ISO 8302	0.0245(m2-k)/w	0.0245(m2-k)/w
Heavy metal	EN 71-3-2013	ND (not detected)	ND (not detected)
Phthalate tests	EN 14372:2004 CPSC-CH-C1001-09-3	ND (not detected)	ND (not detected)
PAHs	AfPS GS 2014:01 PAK	ND (not detected)	ND (not detected)
VOCs	ASTM DS116/ISO 16000	A+	A+
SVHC released	EU REACH Regulation No.1907/2006 Article 33	ND (not detected)	ND (not detected)
Specific optical density of smoke	ASTM E662	Flam: <450 Flamless: <450	Flam: <450 Flamless: <450
Critical radiant flux	ASTM E648	Class 1	Class 1

BRITISH DESIGNED

WPC

WOOD PLASTIC COMPOSITE



PURE NATURAL DESIGN



RF-WPC-01B



RF-WPC-01N





RF-WPC-01W



RF-WPC-02W



RF-WPC-04N



RF-WPC-05N