

TECHNICAL DATA SHEET - RICHMOND LVT

EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE (EN 16511)

ITEM	LVT CLICK FLOOR
TOTAL THICKNESS	5.0MM
EXTRUDED VINYL CORE	4.0MM
ACOUSTIC IXPE UNDERLAY	1.0MM
SYSTEM	CLICK LOCK
USE	COMMERCIAL AND RESIDENTIAL
SIZE	1208MM X 168MM
WEAR LAYER	0.3MM
EDGE DETAIL	NORMAL / 4 SIDE MICRO-BEVEL EDGE
FINISH	URETHANE WITH UV PROTECTION
EMBOSSING(S)	NATURAL TIMBER TRIPLE EMBOSSED
MASS PER UNIT AREA	8.00KG/m ²
PIECES/CARTON	10PCS
COVERAGE/CARTON	2.03/m ²
LIMITED WARRANTY	5 YEARS LIGHT COMMERCIAL / 15 YEARS RESIDENTIAL

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INDOOR AIR CERTIFICATIONS	REQUIREMENTS	RESULTS
FIRE RESISTANCE	EN 13501-1	BFL-S1
RESIDUAL INDENTATION	EN ISO 24343-1	< 0.2 MM (INTEGRATED IXPE DAMPING)
DIMENSIONAL STABILITY	EN ISO 23999 (80 °C/6 H)	< 0.1%
COLOUR FASTNESS	EN ISO 105-B02	≥ 6
SLIP RESISTANCE	EN 13893 / DIN 51130	DS (> 0.3) / R10
ELECTRICAL PROPENSITY	EN 1815	< 2 KV (ANTISTATIC)
WEAR AND SCRATCH RESISTANCE	EN 16094	PASS WITH GOOD RESULTS
CHEMICAL RESISTANCE	EN ISO 26987	PASS WITH GOOD RESULTS
THERMAL RESISTANCE	EN 12664:2001	0.035 M2 K/W
EFFECT OF CASTOR CHAIR	EN 425	SUITABLE
UNDERFLOOR HEATING	-	OK (MAX +27 °C)
IMPACT SOUND REDUCTION	EN ISO 10140	ΔLW = 20 DB (INTEGRATED IXPE DAMPING)



WARRANTY



SLIP RESISTANCE



TERMITE FREE



FIRE RESISTANT



WATER PROOF



ACOUSTIC PROPERTIES



INSTALLATION



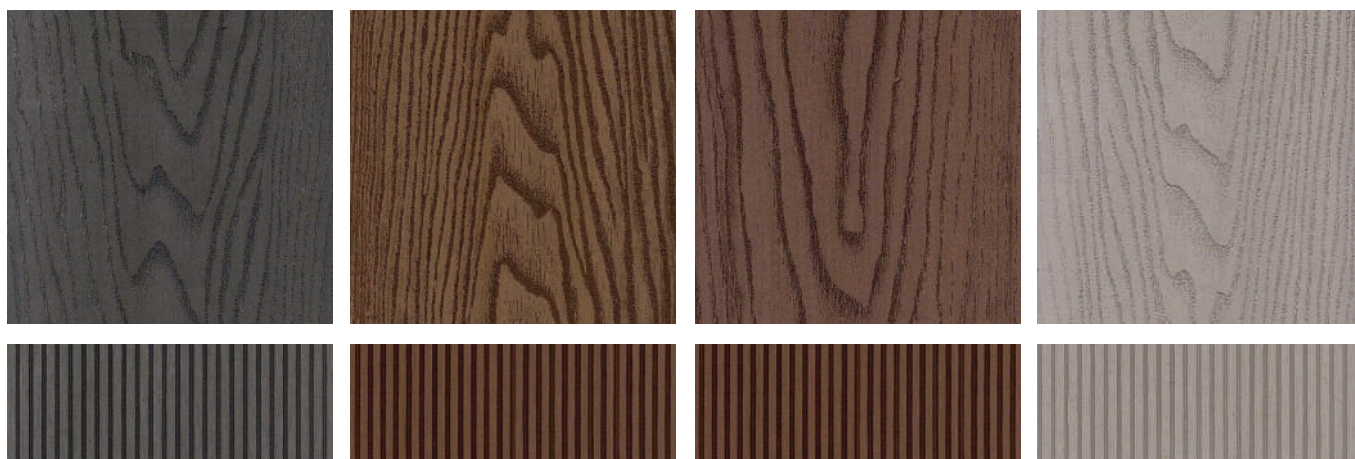
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TECHNICAL DATA SHEET

RICHMOND SOLID WPC DECKING

ITEM	WPC SOLID CORE DECKING
SIZE	2200MM X 140MM X 20MM
COMPOSITION	60% COMPRESSED WOOD POWDER 30% HDPE 10% ADDITIVES
LIMITED WARRANTY (MIDDLE EAST)	3 YEARS LIGHT COMMERCIAL / 5 YEARS RESIDENTIAL

TEST DONE	VALUES	VALUES	STATUS	TEST METHOD
BENDING DAMAGE LOAD	≥ 2500	5877	QUALIFIED	GB/T 24508-2009 6.5.2
NORMAL TEMPERATURE FALLING BALL IMPACT	≤ 12	11.2	QUALIFIED	GB/T 24508-2009 6.5.3
WATER ABSORPTION RATE	≤ 3.0	0.42	QUALIFIED	GB/T 24508-2009 6.5.5
WATER ABSORPTION SIZE CHANGE RATE				
LENGTH DIRECTION	≤ 3.0	0.07	QUALIFIED	GB/T 24508-2009 6.5.7
WIDTH DIRECTION	≤ 4.0	0.09	QUALIFIED	GB/T 24508-2009 6.5.7
THICKNESS DIRECTION	≤ 5.0	0.09	QUALIFIED	GB/T 24508-2009 6.5.7
SIZE CHANGE RATE				
FRONT & BACK SIDE	± 10	0.05/0.04	QUALIFIED	GB/T 24508-2009 6.5.8
DIFFERENCE IN SIZE VARIATION	≤ 0.5	0.02	QUALIFIED	GB/T 24508-2009 6.5.8
SURFACE WARE RESISTANCE	≤ 0.15	0.115	QUALIFIED	GB/T 24508-2009 6.5.15
FORMALDEHYDE EMISSION	≤ 0.15	0.2	QUALIFIED	GB/T 17657-2013 4.59



WARRANTY



SLIP RESISTANCE



EASTY MAINTENANCE



FIRE RESISTANT



WATER PROOF



REVERSIBLE



INSTALLATION



TECHNICAL DATA SHEET - RICHMOND SPC

EUROPEAN / INTERNATIONAL STANDARDS - MANUFACTURING & USAGE (EN 16511)

ITEM	SPC CLASSIC ECO	SPC CLASSIC PRIME	SPC CLASSIC STONE
TOTAL THICKNESS	5.5MM	6.5MM	5.5MM
EXTRUDED VINYL CORE	4.0MM	5.0MM	4.0MM
PRE-ATTACHED IXPE UNDERLAY	1.5MM	1.5MM	1.5MM
PLANK SIZE	183X1220MM	228X1220MM	300X600MM
WEAR LAYER	0.4MM	0.5MM	0.4MM
EDGE DETAIL	4 SIDE MICRO-BEVEL EDGE	4 SIDE MICRO-BEVEL EDGE	4 SIDE MICRO-BEVEL EDGE
FINISH	MATT WITH UV PROTECTION	MATT WITH UV PROTECTION	MATT WITH UV PROTECTION
EMBOSSING	3D NATURAL EMBOSSED	3D NATURAL EMBOSSED	SMOOTH STONE
SQM PER CARTON	2.01	2.23	1.8
PIECES PER CARTON	9PCS	8PCS	5PCS
RESIDENTIAL LIMITED WARRANTY	15 YEARS	20 YEARS	15 YEARS
LIGHT COMMERCIAL LIMITED WARRANTY	5 YEARS	7 YEARS	5 YEARS

ITEM	SPC BLACK EDITION	SPC CLASSIC HERRINGBONE	
TOTAL THICKNESS	4.0MM	5.5MM	
EXTRUDED VINYL CORE	4.0MM	4.0MM	
PRE-ATTACHED IXPE UNDERLAY	NONE	1.5MM	
PLANK SIZE	183X1220MM	128X640MM	
WEAR LAYER	0.3MM	0.4MM	
EDGE DETAIL	4 SIDE MICRO-BEVEL EDGE	4 SIDE MICRO-BEVEL EDGE	
FINISH	MATT WITH UV PROTECTION	MATT WITH UV PROTECTION	
EMBOSSING	3D NATURAL EMBOSSED	3D NATURAL EMBOSSED	
SQM PER CARTON	2.67	0.82	
PIECES PER CARTON	12 PCS	10 PCS	
RESIDENTIAL LIMITED WARRANTY	10 YEARS	15 YEARS	
LIGHT COMMERCIAL LIMITED WARRANTY	5 YEARS	5 YEARS	

