

ENGAGE

STONE PLASTIC COMPOSITE (SPC)



SPILL RESIST



100% RECYCLED



QUICK FIT



CHILD-PROOF

TECHNICAL DATA SHEET

Appearance

Construction	SPC - Stone Plastic Composite
Use	Commercial & Residential
Size	178mm x 1220mm x 4.0mm
Wear Layer	0.3mm
Finish	Urethane Coating with Ceramic Bead Particles
Gauge	4.0mm
Pieces/Box	12 pcs
Coverage/Box	2.60592 Sq.M.
Coverage/Pallet	55 Boxes / Pallet
Coverage/Container	18 Pallets / 1 x 20 ft. Container (2,579.8608 Sq.M.)
Limited Warranty	15-Year Residential / 7-Year Commercial

Dimension Characteristic and Deviation Requirement

Dimension Deviation	Deviation of Length	EN 649:2011	Deviation $\leq 0.13\%$ of nominal length up to 0.5mm.
	Deviation of Thickness	EN 649:2011 EN 428	Nominal value $+0.13\text{mm}, -0.10\text{mm}$; Average value $\pm 0.15\text{mm}$
Squareness		EN 649:2011 EN 427	$\leq 400\text{mm}, \leq 0.15\text{mm}$; $> 400\text{mm}, \leq 0.20\text{mm}$;
Straightness			$\leq 400\text{mm}, \leq 0.15\text{mm}$; $> 400\text{mm}, \leq 0.20\text{mm}$;
Height Difference		GB/T 4085 & EN 649:2011	$\text{has} \leq 0.10\text{mm}, \text{hmax} \leq 0.15\text{mm}$
Gapping			$\text{Oa} \leq 0.10\text{mm}, \text{Omax} \leq 0.15\text{mm}$

Classification

Static Electrical Propensity	EN 1815	kV	< 2
Slip Resistance Wet	DIN 51130	class	R10

Performances

Wear Resistance	EN 660.2	mm ³	≤ 2.0
Wear Group	NF 189	group	T
Type binder content	EN ISO 10582	type	I
Dimensional stability (average measured value)	EN ISO 23999 (EN 434)	%	≤ 0.05
Residual Indentation	EN ISO 24343 (EN 433)	mm	≤ 0.06
Castor chair test	ISO 4918 (EN 425)	-	OK
Thermal Conductivity	EN ISO 10456 (EN 12 524)	W/(m.K)	0.25
Colour Fastness	EN 20 105 - B02	degree	≥ 6
Chemical Products Resistance	EN ISO 26987 (EN 423_)	$\mu\text{g}/\text{m}^3$	≤ 100

CE Marking



EN 14041

