

# SPC WALL PANEL TECHNICAL DATASHEET



<b>Item</b>	<b>100% Virgin SPC(Stone Plastic Composite) Wall Panel</b>
<b>Size (Length×Width)</b>	<b>2400×465MM / 2400×600MM 2800×465MM / 2800×600MM</b>
<b>Thickness</b>	<b>4.0MM / 5.0MM</b>
<b>Wearlayer</b>	<b>0.2MM</b>
<b>Surface Texture</b>	<b>Coral / Flat / Litchi / Skin</b>
<b>Installation</b>	<b>Glue and Flat Click System with Steel Clip</b>
<b>Warranty</b>	<b>Residential 15 Years, Commercial 5 Years</b>

<b>Mechanical Properties</b>	<b>Standard</b>	<b>Unit</b>	<b>Conclusion</b>
<b>Density</b>	<b>EN 323</b>	<b>[kg/m<sup>3</sup>]</b>	<b>2150 ± 50</b>
<b>Overall Size</b>	<b>EN 427</b>	<b>[mm]</b>	<b>l<sub>max</sub> - l<sub>min</sub> ≤ 0.50 w<sub>max</sub> - w<sub>min</sub> ≤ 0.20</b>
<b>Overall Thickness</b>	<b>EN 428</b>	<b>[mm]</b>	<b>t<sub>max</sub> - t<sub>min</sub> ≤ 0.50</b>
<b>Locking Strength</b>	<b>ISO 10582</b>	<b>[kN/m]</b>	<b>Long Side: 3.0</b>

<b>Physical &amp; Environment Properties</b>	<b>Standard</b>	<b>Unit</b>	<b>Conclusion</b>
<b>Flatness</b>	<b>ISO 10582</b>	<b>[%]</b>	<b>Length: 0.05 Width: 0.01</b>
<b>Fire Behaviour</b>	<b>EN 13501-1</b>	<b>[class]</b>	<b>Bfl-s1</b>
<b>Slip Resistance</b>	<b>EN 16165</b>	<b>[class]</b>	<b>R10</b>
<b>Slide Resistance</b>	<b>EN 14041</b>	<b>[class]</b>	<b>DS</b>
<b>Thermal Conductivity (<math>\lambda</math>)</b>	<b>EN 12664</b>	<b>[W/mK]</b>	<b>0.135</b>
<b>Emission of Formaldehyde</b>	<b>EN 717</b>	<b>[class]</b>	<b>E1, formaldehyde free, no emission</b>
<b>VOC</b>	<b>EPA 5021</b>		<b>Not Detected</b>
<b>Phthalates</b>	<b>ASTM D3421</b>		<b>Not Detected</b>