

## Decking Specification

### Contemporary Hollow



### Contemporary Solid



### Rustic



<b>Board Size</b>	3.6m	3.6m	3.6m
<b>Board Width</b>	143mm	143mm	140mm
<b>Board Depth</b>	23mm	23mm	22mm
<b>Board Finish</b>	Deep Embossed and Grooved	Deep Embossed and Grooved	Grained Weathered Effect
<b>Board Weight</b>	10kg per board	17kg per board	20kg per board
<b>Board Coverage</b>	0.5sqm	0.5sqm	0.5sqm
<b>Colours</b>	Grey, Coffee, Charcoal	Grey, Coffee, Charcoal	Grey, Walnut
<b>Matching Trim</b>	Yes	N/A	N/A
<b>Square Edge Board</b>	Yes	Yes	Yes
<b>Hidden Fastening System</b>	Yes	No (colour coded screws)	No (colour coded screws)
<b>Material</b>	WPC	WPC	WPC
<b>Board Gap</b>	2mm – refer to installation guide	2mm – refer to installation guide	2mm – refer to installation guide
<b>Application</b>	Domestic and Light Commercial	Domestic and Commercial	Domestic and Commercial
<b>Flexural Strength @400mm centres</b>	27.9 MPa ASTM D790-15 (E2) Procedure A	31.9 MPa ASTM D790-15 (E2) Procedure A	39.0 MPa ASTM D790-17 Procedure A
<b>Tensile Strength @400mm centres</b>	15.2MPa ASTM D638 - 14	21.9 MPa ASTM D638 - 14	24.8 MPa ASTM D638 - 14
<b>Anti-Slip Grooved Side BS EN 14231</b>	70 Dry 47 Wet	56 Dry 45 Wet	N/A
<b>Anti-Slip Grained Side BS EN 14231</b>	68 Dry 42 Wet	68 Dry 42 Wet	61 Dry 46 Wet
<b>UKRSG has determined a minimum Pendulum Test Value reading of 36 must be obtained in all conditions and on a level surface for a floor to pass the test</b>			
<b>Water absorption ASTM D570-98 (2010 (E1))</b>	0.68%	1.14%	0.63%

## Fixing and Accessories



Hollow Fixing Clips

Solid M4.5 x 65 Self-drilling Carbon Steel

- Hard wearing
- Anti-slip properties
- Hidden fixings
- Mould and fungus resistance
- Low maintenance
- Splinter free
- Easy to install

## Composite Mix

- 50% Recycled Wood
- 45% Recycled Plastic
- 5% Anti UV agent, Antioxidant Agent, Stabilizes, Colorants, Anti Fungus agent, Reinforcing agent



## Laid Decking Measurements

### HOLLOW

**Install Temperature (degrees centigrade)**

5-10  
11-15  
16-20  
21-25

26+

**Expansion Gaps Required (end to end)**

6mm  
5mm  
4mm  
3mm  
2mm

### SOLID

Residential Centre-to centre joist spacing 400mm Maximum

Minimum end-to-end gap (butt joint) 4mm

Minimum side-to-side gap 4mm

Minimum distance from side edge for fastening boards 20mm

Minimum distance from end edge for fastening boards 25mm

Minimum gap from side and end edge of board to solid structures 10mm

Please note: IDEAL Pre-drilling size 4.5mm

