



Contemporary Decking in Charcoal (Hollow and Solid)

# SAiGE

Composite Products

NEW RANGE

## SAiGE Fire Resistant Decking Boards

The premium durable, high strength composite choice now available in a fully fire resistant option.

-  **Fire resistant**
-  **Award winning**
-  **100% quality inspected**
-  **60% recycled materials**
-  **10 year warranty**
-  **Life span of over 20 years**
-  **Easy to install**
-  **Hidden fixings**
-  **Splinter free**
-  **Low maintenance**
-  **Hard wearing**
-  **Mould and fungus resistant**

Contact our friendly team to find out more details:  
**01789 721 576 | info@saigedecking.com**

Or visit our website  
**www.compositedecking.co.uk**

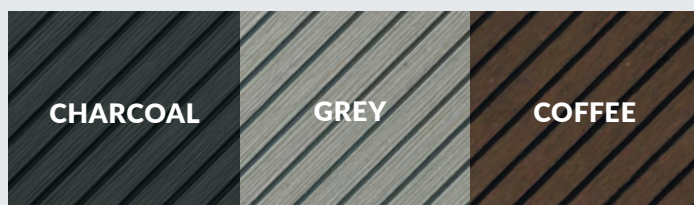
**Fire Resistance**

Alongside our contemporary, rustic and traditional composite decking ranges, SAiGE also offer fire resistant composite boards for your peace of mind. These commercial-grade decking boards meet EN1350-1 Class B fire regulations, meaning they offer improved safety and reassurance, whilst still boasting the beauty, longevity and high performance of composite decking. SAiGE FR boards have undergone rigorous testing not only for fire resistance, but also for strength and durability, to ensure that this range meets the exacting requirements of all SAiGE products.

**TURN OVER FOR SPECIFICATION**

## SAiGE Fire Resistant Decking

SAiGE FR boards come in both hollow and solid and are available in the same design and colours (coffee, light grey and charcoal) as our SAiGE contemporary decking range. Our hollow and solid FR boards are high strength, low maintenance and splinter free as well as being the same material throughout the entire board with a different finish on either side – grooved or realistic woodgrain.



## Hollow or Solid Decking

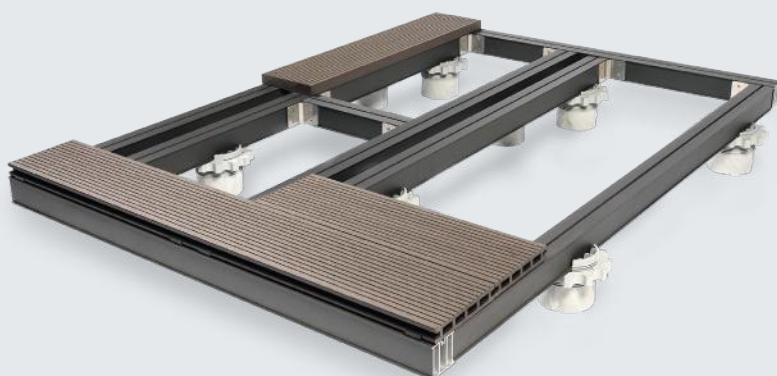


## Composite Mix – Approximately 60% Recycled Materials

Approximately 60% recycled materials consisting of around 32% recycled wood fibres, 28% recycled plastic, 35% fire retardant, 1% antioxidants and anti-ultraviolet agents, 3% pigments and 1% lubricants.

## SAiGE Fire Resistant Aluminium Subframe

For a complete fire resistant solution, SAiGE FR decking boards can be used with our simple, sturdy and high-strength design fire resistant subframe system. Our fire resistant cradles and pedestals conform to EN13501-1 B fire testing making them suitable for commercial projects such as roof terraces, balconies, and podiums.



	FR HOLLOW	FR SOLID
Board Size	3.6m	3.6m
Board Width	143mm	143mm
Board Depth	23mm	23mm
Board Finish	Deep Embossed and Grooved	Deep Embossed and Grooved
Board Weight	11.4kg per board	18kg per board
Board Coverage	0.5sqm	0.5sqm
Colours	Grey, Coffee, Charcoal	Grey, Coffee, Charcoal
Square Edge Board	Yes	Yes
Hidden Fastening System	Yes	No (colour coded screws)
Material	WPC	WPC
Board Gap	2mm – refer to installation guide	2mm – refer to installation guide
Application	Domestic and Light Commercial	Domestic and Commercial
Flexural Strength BS EN 15534-1:2014+A1:2017		
@300mm centres	31.5 MPa	38.7 MPa
@350mm centres	31.6 MPa	38.2 MPa
@400mm centres	29.9 MPa	37.5 MPa
Anti-Slip Grooved Side BS 7976-2:2002+A1:2013 (Pendulum Test)	74 Dry 46 Wet	71 Dry 46 Wet
Anti-Slip Grained Side BS 7976-2:2002+A1:2013 (Pendulum Test)	75 Dry 48 Wet	66 Dry 41 Wet
Fire Resistance Rating	BS EN13501-1B <sub>n</sub>	BS EN13501-1B <sub>n</sub>
Critical Heat Flux EN ISO 9239-1:2010	Fire Behaviour: B <sub>n</sub>	Fire Behaviour: B <sub>n</sub>
Ignitability EN ISO11925-2:2020 Exposure 15s	Smoke Production: s1	Smoke Production: s1

### Fixing and Accessories

Hollow Fixing Clips



Solid M4.5 x 65 Self-drilling Carbon Steel



### Laid Decking Measurements

HOLLOW	
Install Temperature (degrees centigrade)	Expansion Gaps Required (end to end)
-10	6mm
11-15	5mm
16-20	4mm
21-25	3mm
26+	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 structure	10mm