

Technical datasheet for Dukkaboard CF-Panel

Dukkaboard CF-Panel is a creative panel constructed with one slotted face to aid easy and even radius creation for tile backgrounds. Elevate your design with and ignite the imagination with elegant curves; showcase the beauty of a mosaic tile on perfectly formed radius profiles.

Board Variants

Item Code	Score Direction	Thickness	Length (Parallel to scores)	Width (Perpendicular to scores)
5596	W	20	600	1200
5595	L	20	2400	600
5187	W	30	600	1300
5188	L	30	2400	600
5182	W	50	600	1200
5189	L	50	2600	600

Type

(L) Length-Scored CF-Panel

(W) Width-Scored CF-Panel

Description

Grooved along the length for narrow columns, pipe boxing, coving-style installations

Grooved along the width for longer curved shapes, loungers, step fronts, etc.

Product Description

Dukkaboard CF-Panel is a high-performance, multi-functional construction board designed for use as a tile backer that can be modelled to a curve exactly to specification, and forms the basis of the waterproofing substrate. Manufactured from extruded polystyrene (XPS) foam with reinforcing mesh embedded into a cementitious coating on both sides, it offers excellent dimensional stability, versatility, bond security, and load-bearing capacity.

Applications

- Wetroom and bathroom wall/ceiling substrates
- Wet walls features, columns
- Pipe boxing, coving
- Curved loungers
- Bow-fronted steps



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Board thicknesses

20mm – walls, mounting at 300mm centres

30mm – wall, for mounting at 600mm centres

50mm for forming seat and lounge bases, supported at 400mm on vertical Dukkaboard OG-Panel ribs.

Technical Data

Property	Value
Thermal Conductivity	0.035W/mK
Compressive Strength	≥300kPa
Water Absorption	0% (Impermeable XPS Core)
Temperature Resistance	-50°C to +75°C
Load Capacity (Slots Vertical)	Up to 100 kg/m ² (wall-mounted fixtures with appropriate fixings)
Load Capacity (Slots Horizontal)	Up to 60 kg/m ² (wall-mounted fixtures with appropriate fixings)

Weight

Thickness (mm)	Weight (Kg/m ²)	Weight Loading (Kg/m ²)
20	~4.5	100kg*
30	~4.8	100kg*
50	~5.1	100kg*

Bespoke sheet sizes, other thicknesses and score spacing and other variants available on request.



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Radius

The radius on a CF-Panel is determined by its thickness, the dimensions below are the outer (unslotted) face, when on limits of radius curvature, with slots inwards. If tighter curves are required, the board can be fitted with slots outwards, which makes for a less robust surface. Or option to have bespoke sheets made to suit tighter curvature.

Thickness (mm)	Minimum Radius	Minimum Diameter
20mm	200mm	400mm
30mm	300mm	600mm
50mm	500mm	1M

Cutting & Fixing

- **Cutting:** Score with a utility knife, snap the foam core component and cut the backing mesh.
- Lay board flat with slots upwards on the floor, on a work surface and comb with a flat trowel a layer of C2 adhesive over the surface to fill the slots. Bring the ends of the board together to form its desired curvature, and support temporarily in place. Bed reinforcement mesh, item code 5252 (1m × 5m) or item code 5185 (1m × 50m), into the wet adhesive, and trowel flat. When the adhesive is dry, lift the board into place and fix with adhesive or screws and washers.
- **Fixing to Walls:**
 - Fully bedded in tile adhesive (C2 class recommended)
 - Dot-and-dab method (ensure full edge support)
 - Mechanically fix with washers and screws (spacing defined by board thickness)
- **Fixing to Stud Frames:**
 - Use screws and Dukkaboard washers
 - Spacing defined by board thickness

Best Practices

- Ensure substrate is clean, level, and load-bearing
- Use reinforcement mesh tape and flexible C2 adhesive at joints
- For waterproofing, seal board surface with Dukkaboard Aqua77 Neo-Flex or equivalent approved tanking.
- For heavy fixtures, anchor through to a pattsess pre-positioned
- For zones of tiles over 20mm thicken and areas over 3m high, mechanically fix to solid background through the Dukkaboard CF-Panel, with suitable mechanical fixings for the tiles.



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