



HARDSCAPE
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CRYSTALPAVE

Innovative recycled glass and resin paving and accessories



www.hardscape.co.uk

General Information

Crystal Paving Slabs are used to provide a decorative, hard-wearing surface for hard landscaping schemes. The slabs comprise a decorative recycled glass/solvent free resin layer bonded to a concrete base.

The resin in the surface layer can be coloured to any BS or RAL specified pigment colour or left as a natural (clear) resin.

The surface of the glass/resin layer can be finished in three ways: a cast finish, a brushed finish and a polished finish. For all outside pedestrian applications it is recommended that the brushed finish be specified for its anti-slip properties. The Crystal Paving Slabs are laid in exactly the same manner as and can be laid alongside traditional block pavers or slabs.



Specific Information

Product	Crystal Paving Slab									
Primary colour	To RAL or BS specification or natural (clear)									
Backing colour	To RAL or BS specification (if primary colour is clear)									
Final Glass Element	Colour: Clear, Blue, Light Blue, Emerald, Amber – Note: all glass used is 100% recycled and may contain small quantities (<0.1%) of other colours. Nominal Size mm: 1-3, 4-6, 6-12 Concentration: Concentration of each may vary to a total maximum of 60%									
Finish	Brushed or Cast									
Dimensions	Additional widths and lengths available – enquire.									
Overall	Thickness 15mm up to 100mm (+/- 2mm) Width From min of 200mm up to a max of 800 mm (+/- 6mm) Length From min of 200mm up to a max of 800 mm (+/- 6mm)									
Components	Resin thickness approx 8 mm (-0 +2mm) White backing special requirement only Concrete to make up overall thickness eg 92 mm (+/- 2mm)									
Performance										
Slip resistance	Slip Resistance BS EN 13036-4:2003 & UK Slip Resistance Group Issue 2 – June 2000									
	<table><thead><tr><th>Sample</th><th>Mean Result</th><th>Potential to Slip</th></tr></thead><tbody><tr><td><i>Brushed</i></td><td>Dry 61</td><td>Low</td></tr><tr><td></td><td>Wet 55</td><td>Low</td></tr></tbody></table>	Sample	Mean Result	Potential to Slip	<i>Brushed</i>	Dry 61	Low		Wet 55	Low
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<i>Brushed</i>	Dry 61	Low								
	Wet 55	Low								
Special Products	The product can be manufactured for use as a paving or walling system. We can also manufacture the product for use as a rain screen. This product is also suitable for water jet cutting so that the Ttura can be cut to produce letter shapes etc. Bespoke products and features can be manufactured to client's specifications or design – enquire.									

Installation

To be carried by a competent paving or stone fixer in accordance with the relevant specification.

Joint
Construction

Crystal slabs can be laid with joints of width 5-10mm. Joints should be filled to within 3-5mm of the top surface with either a mortar mix or a polymeric sand (e.g. Geofix from Degussa AG). A trowel should be used to fill and compact sand. Once mortar or polymeric sand has set, a colour coded epoxy grout may be used to seal the joint. Adjacent surfaces to the joint should be masked with tape to prevent overrun of the grout onto the paved surfaces. See separate data sheet for resin grouts.

Concrete
Backing mix

The concrete backing mix is produced using virgin aggregates sourced locally and transported in bulk to our factory.

Backing Mix
Strength

Compressive strength:
Average cube strength:
Single cube strength:

Test to BS1217 (Cast stone specification).
Not less than 40N/sq mm (40MPa).
Not less than 30N/sq mm (30MPa).



Colours



Aqua Reef
Available Finishes



Azure Blue
Available Finishes



Beige Grey
Available Finishes



Blue Lilac
Available Finishes



Blue Mint
Available Finishes



Blueberry Cream
Available Finishes



Brown Red
Available Finishes



Capri Blue
Available Finishes



Flame Red



Gentian Blue



Graphite Black



Green



Light Blue
Available Finishes



Light Pink
Available Finishes



Mellow Yellow
Available Finishes



Ocean Blue
Available Finishes



Oxide Red
Available Finishes



Pale Brown
Available Finishes



Pale Green
Available Finishes



Pascal Turquoise
Available Finishes



Pastel Blue
Available Finishes



Pastel Green
Available Finishes



Pure White
Available Finishes



Purple Violet
Available Finishes

Colours continued



Reed Green
Available Finishes



Reseda Green
Available Finishes



Sand Yellow
Available Finishes



Signal Orange
Available Finishes



Signal Yellow
Available Finishes



Sulphur Yellow
Available Finishes



Sunset Orange
Available Finishes



Traffic Purple
Available Finishes



Turkish Blue
Available Finishes



Turquoise Blue
Available Finishes



Ultra Marine Blue
Available Finishes



Vermilion Orange
Available Finishes



Zinc Yellow
Available Finishes



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