



MAKING  
SPACES  
MATTER



TEXTURE PANEL SYSTEM

# CONCRETE DATA SHEET

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# CONCRETE

## PRODUCT DATA SHEET



### PRODUCT INFORMATION

Concrete is a popular element in our **Texture Range**. Our lightweight panel system is durable and quick to install, providing maximum creative scope simply.

#### Applications



- For internal use across a range of sectors including commercial offices, higher education, restaurants, hotels, retail etc.
- Suitable for walls, ceilings and curves (please consult us for radii below 4 metres).

#### Composition



- Natural pigments and oxides form the outer surface of the reinforced polyester matrix.
- Produced from original concrete wall.
- **4 standard designs to choose from:**
  - BOARDED CONCRETE LIGHT GREY
  - ROUGH CONCRETE HORIZONTAL LIGHT GREY
  - ROUGH CONCRETE VERTICAL LIGHT GREY
  - MODULAR CONCRETE

#### Dimensions

- Panel size varies, depending on the style. Nominal sizes are as follows:

##### DESIGN

BOARDED CONCRETE LIGHT GREY  
ROUGH CONCRETE HORIZONTAL LIGHT GREY  
ROUGH CONCRETE VERTICAL LIGHT GREY  
MODULAR CONCRETE

##### NOMINAL PANEL SIZE

3.28m (w) x 1.29m (h)  
3.28m (w) x 1.31m (h)  
1.31m (w) x 3.28m (h)  
3.28m (w) x 1.3m (h)

#### Thickness

- Approximately 5mm thick and they take on the relief of the original concrete wall, of which will typically be a maximum of 15mm.

#### Weight

- Approximately 7 kg/m<sup>2</sup>

#### Water Resistance

- Unaffected by moisture, water resistant.

#### Weathering

- Natural particles allow weathering similar to the original material.

#### Natural Materials

- Please note that due to the natural elements used in creating Vtec Concrete Panels, the colours and dimensions can vary between panels and batches, and images of the product are only indicative of the finished product.

#### Installation

- Easily through-fixed to substructure or walls. Substructure can be a framework of aluminium or wood, or to walls of masonry or timber board walls.
- Joints and fixings are disguised during installation with homogeneous system.
- Large panel size means they are quick to install compared to more traditional methods.

#### Workability

- Cut with diamond abrasive wheels, TCT blades in a jigsaw or water jetting.

#### Maintenance

- No maintenance apart from occasional dusting. Any dirt deposits can be wiped off.



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## PRODUCT INFORMATION

## TECHNICAL PROPERTIES

Density	- Average 1700 kg/m <sup>3</sup>
UV Resistance	- Excellent
Temperature Resistance	- Unaffected by temperatures from -30° to 240° C
Fire Resistance 	- D3 to BS 476 : Part 7 (FR version also available to Euroclass B-S3,d0)
Thermal Conductivity	- K-value = 0.23 w/m <sup>2</sup> °C
Thermal Expansion	- 30 x 10 <sup>-6</sup> mm/°C
Impact Resistance	- 19844j/m <sup>2</sup> to UNE 150 179