



MAKING  
SPACES  
MATTER

TEXTURE PANEL SYSTEM

# STONE DATA SHEET

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# STONE

## PRODUCT DATA SHEET



### PRODUCT INFORMATION

#### 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 stone wall.

#### Designs

- Choose from **15 standard designs**:
  - STRATA BLACK
  - STRATA GREY
  - STRATA TERRA
  - STRATA WHITE
  - STRIP STONE
  - STRIP STONE WHITE
  - LAYERED STONE GREY
  - LAYERED STONE OCHRE
  - BLOC TERRA
  - CANYON
  - CANYON BLACK
  - QUARRY STONE DARK GREY
  - RIVEN STONE
  - ROUGH STONE
  - WEATHERED STONE

#### Nominal Panel Sizes, Relief and Weights

- Panel size, average relief (undulation) and weight varies, depending on the style. Nominal panel dimensions and approximate weights are as follows:

DESIGN	NOMINAL PANEL SIZE	UNDULATION	WEIGHT
STRATA	3.27m (w) x 1.31m (h)	30mm	8 kg/m <sup>2</sup>
STRIP STONE	3.3m (w) x 1.34m (h)	30mm	6.5 kg/m <sup>2</sup>
LAYERED STONE	3.28m (w) x 1.35m (h)	30mm	6.5 kg/m <sup>2</sup>
BLOC TERRA	3.34m (w) x 1.32m (h)	15mm	7 kg/m <sup>2</sup>
CANYON	3.26m (w) x 1.26m (h)	40mm	7 kg/m <sup>2</sup>
QUARRY STONE	2.32m (w) x 1.3m (h)	20mm	9 kg/m <sup>2</sup>
RIVEN STONE	3.27m (w) x 1.32m (h)	25mm	7 kg/m <sup>2</sup>
ROUGH STONE	3.3m (w) x 1.32m (h)	40mm	9 kg/m <sup>2</sup>
WEATHERED STONE	3.28m (w) x 1.32m (h)	25mm	8 kg/m <sup>2</sup>


#### Thickness

- Approximately 5mm thick and they take on the relief of the original stone wall, of which will typically be between 15-40mm, depending on the style chosen (see above table).

## PRODUCT INFORMATION

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 Stone Panels, the colours and dimensions may vary between panels and batches, and images of the product are only indicative of the finished product.
Installation	<ul style="list-style-type: none"> <li>- 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.</li> <li>- Joints and fixings are disguised during installation with homogeneous system.</li> <li>- Large panel size means they are quick to install compared to more traditional methods.</li> </ul>
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.

## 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