



TECHNICAL DATA SHEET

Title: PRODUCT DATA SHEET – SPRAY PROCESS GRC
Ref: TDS02
Issue Date: January 2013
Version: 01

Composition of GRC

Manufactured from a combination of ordinary Portland cement, silica sand, acrylic polymers, alkali resistant fibres and where applicable inorganic colouring pigments. All raw materials meet national standards. Compliance certification available on request.

Composition of Face Coats

As above plus any decorative aggregates as may be required.

Authority

Manufactured in accordance with BS EN 1169, BS EN 15191 under quality management systems compliant to ISO 9001 and environmental management systems compliant to ISO 14001

Bending Strength

Elastic Strength (Limit of Proportionality) >7MPa
Ultimate Strength (Modulus of Rupture) >18MPa

Tested in accordance with BS EN 1170 Part 5

Dry Density

Approximately 2000Kg/m³

Tested in accordance with BS EN 1170 Part 6

Water Absorption

Approximately 10%

Tested in accordance with BS EN 1170 Part 6

Shrinkage/Expansion

Approximately 1.2mm per 1000mm

Tested in accordance with BS EN 1170 Part 7

Aged Weathering Strength

Ultimate Strength (Modulus of Rupture) >15MPa

Tested in accordance with BS EN 1170 Part 8



Reaction to Fire

Euroclass A2

Tested in accordance with BS EN 13501-1

Fibre Content and Length

Fibre content 4-5% by weight, length >25mm

Dimensional Variances

In accordance with BS 8297 Table 2

Tighter tolerances subject to contract agreement

Stud Frames (if applicable)

Frames - Hot Dipped Galvanised to BS EN ISO 1461 after fabrication

Gravity/Flex Anchors - Stainless Steel Grade 1.4301 BS EN 10088 Part 2

Isolating Washers etc - Nylon

Cast in Sockets (if applicable)

Stainless Steel Grade 1.4301 BS EN 10088 Part 2

Component Identification

Production identification label affixed to non-exposed architectural surface.

Component Weight

Declared on identification label.

Disclaimer:

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