



sustainable concrete products

GRC Cladding System



NBS Source
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Contract Range: GRC Wall Panels

Living Concrete's Glass Reinforced Concrete (GRC) wall panels are designed for modern construction, offering a perfect balance of style and performance for interior and exterior applications. Whether you're working on residential, commercial, or hospitality projects, our panels provide a reliable and cost-effective solution.

Why Choose Our GRC Wall Panels

- High Durability & Fire Resistance
- External or Internal use
- Cost effective
- Simple bracket system reduces installation time
- Natural concrete textures & finishes
- Flexible design options to fit any concept
- Sustainably produced made using EPD-certified concrete with minimal environmental impact
- Low maintenance and ideal for high-traffic spaces
- Short lead times and UK wide delivery





Hotel & SPA

wall /

Panels Mist / Rough 1500 x 600 mm & 1200 x 600 mm





Hotel & SPA





Sustainability

Function

Quality

Sustainability

At Living Concrete, we take pride in crafting sustainable precast concrete products using locally sourced raw materials. Our eco-friendly approach to concrete design offers a greener choice for architects and designers seeking to integrate concrete into creative modern spaces. Living Concrete holds Environmental Product Declarations (EPDs), reflecting our commitment to sustainability and environmental responsibility.

Function

Living Concrete provides a range of GRC (Glass Reinforced Concrete) High-Performance Concrete Wall Panels that are suitable for both interior walls and exterior facades, making them ideal for a wide variety of commercial environments, including showrooms, offices, retail spaces, hospitality venues, and educational institutions.

Quality

Due to concrete's fire resistance, our concrete panels have an A1 fire rating. This means they are classified as non-combustible and make no contribution to the spread of fire. Designed for longevity, all Living Concrete GRC wall panels are manufactured with high-quality materials, available in a variety of colours and finishes, tailored to suit any architectural or design requirement.



Office Building

wall ✓

Panels Grey / Silk & Rough 1200 x 600 mm



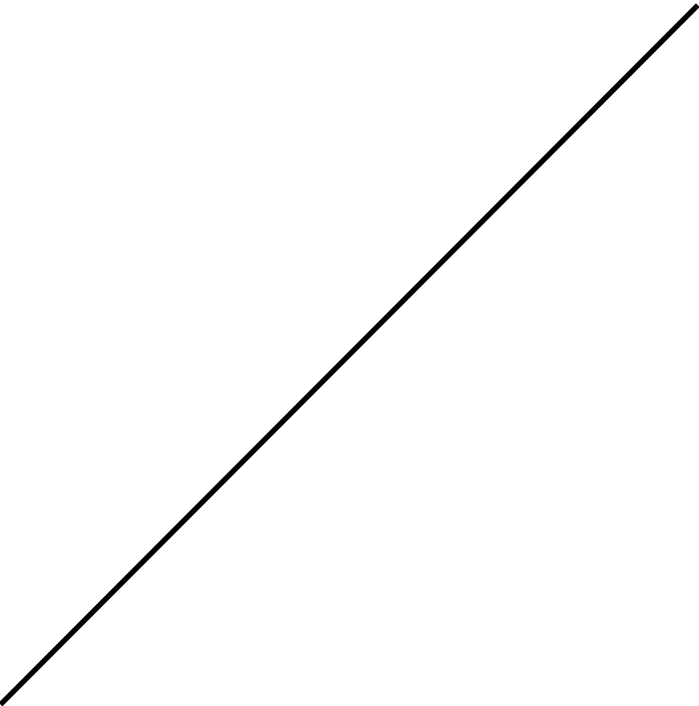
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Private Club

wall /

Panels Mist / Rough 1200 x 600 mm



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Colours

Colours /

✓ Colour Variations: Because of its cementitious composition the colour of GRC panels may have different textures and tones within the same tile and / or in comparison to other tiles in the same batch. The colours in our colour selection chart are for reference use only and are as close as possible to the original colours.

Textures

Surface Textures /

✓ Silk (Smooth) | Rough (Pitted)





Hotel

wall /

Panels Mist / Rough 1500 x 600 mm & 1200 x 600 mm





Railway Station



Sizes



Sizes /

1492 x 595 mm

1193 x 595 mm

595 x 595 mm

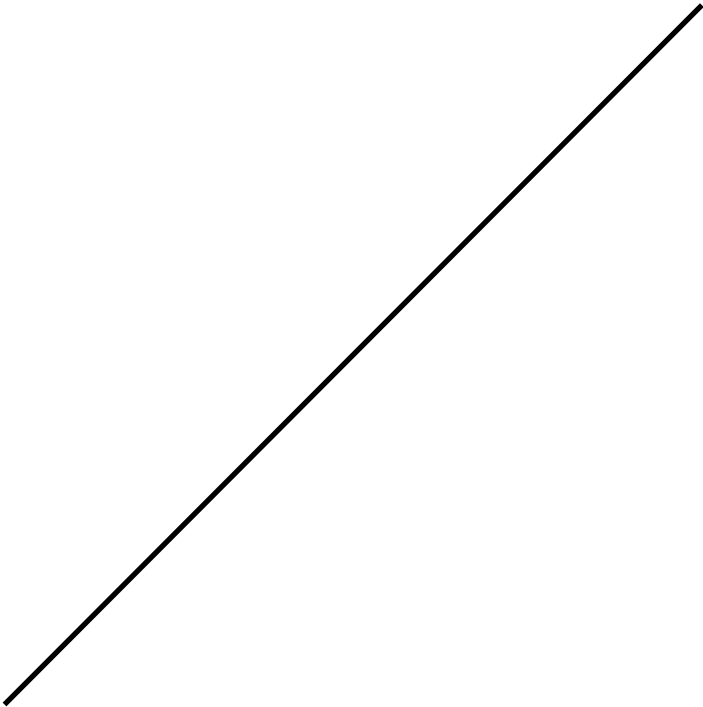
Comments /

- / Maximum dimensions of one standard panel must not exceed 1200 x 1200 mm
- / Maximum dimensions of special format panel must not exceed f 3300 x 1200 mm



Conference Centre

wall /
Panels Mist / Rough 1200 x 600 mm





City Underpass

wall /

Panels Mist / Rough 1200 x 600 mm



Installation

Installation ✓

Contract Range M1

- ✓ Fastening with high-grade stainless steel brackets

Contract Range M2

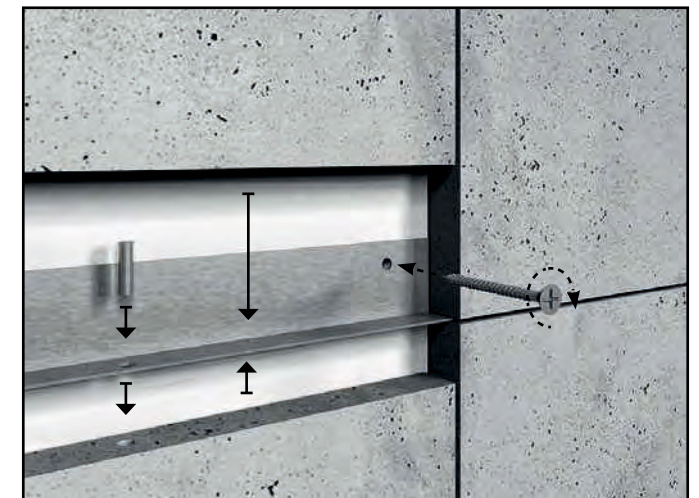
- ✓ Fastening with aluminium profiles



Contract Range M1

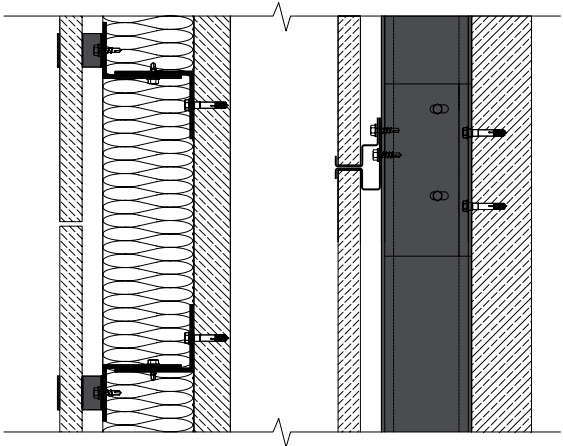


Contract Range M2



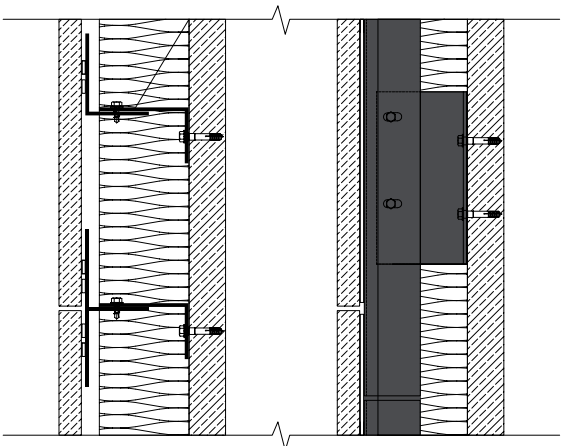
Installation /

Contract Range M1 exterior



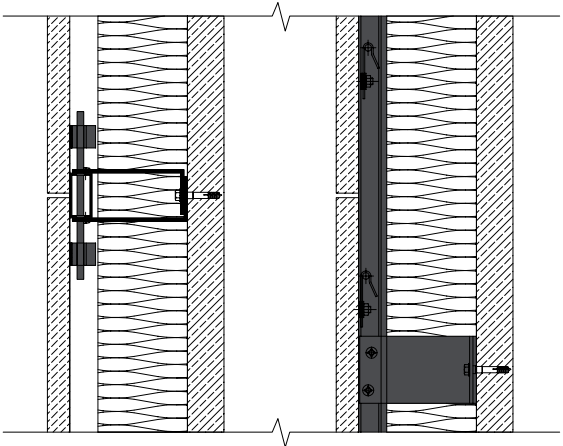
/ Assembly system - mechanical, visible

Contract Range M3 exterior



/ Assembly system - glued, hidden

Contract Range M4 exterior



/ Assembly system - mechanical, hidden

GRC Wall Panels - contract range - Product information

1. Product Description

- a) Living Concrete fibre-concrete panels are used as cladding for both interior and exterior walls.
- b) The panels are reinforced with polypropylene fibre, and in special cases (e.g., thicker panels), standard steel reinforcement may be added.
- c) Composition: aggregate, cement, polypropylene fibres, plasticizers (steel reinforcement may be included for non-standard, thicker panels).
- d) Weight: 44 kg/m²/20mm

2. Storage and Transportation

- a) Living Concrete panels should be placed vertically on pallets, separated by polystyrene foam, strapped, and wrapped with stretch film. Large-format panels should be transported on stands or in wooden crate-pallets.
- b) Panels must be stored indoors or under a roofed area.
- c) Panels must be protected from weather conditions.
- d) Panels should be stored at temperatures above 0° C.
- e) After delivery, panels should be placed on a flat, level surface, and the straps should be cut within 48 hours.

3. Hazard Identification

- a) General hazard: The product does not pose risks when used as intended. It is non-flammable and does not degrade. It does not undergo dangerous reactions.
- b) Toxicological hazard: None.
- c) Environmental hazard: None, provided that waste is managed according to legal requirements.

4. Dangerous Substances

- a) The product does not contain hazardous substances
- b) No other hazardous substances have been identified in the product.

5. Usage Conditions

- a) Panels are intended for both interior and exterior installation, with mandatory impregnation using hydrophobic agents.

b) After delivery to the site, the panels should be placed horizontally in the installation area for at least 48 hours before installation.

c) Impregnation is essential for proper use:

It must be applied after installation to reduce the risk of mechanical damage during handling.

Follow the manufacturers guidelines for the impregnating agent.

For horizontal impregnation, expect to use 150% of the standard consumption rate.

d) Several days to a few weeks after installation, streaks may appear due to the hydrophobic treatment. These can be removed with a dry microfiber cloth or a microfiber cloth/sponge and water.

e) Do not use: detergents, acids, corrosive agents, or high-pressure cleaning devices on the panels.

f) Use the product according to its intended purpose, as specified by the manufacturer or applicable product standards.

6. Additional Notes

a) Living Concrete panels are a raw material, and minor imperfections are not defects. Variations in hole size, colour, and dimensions are characteristic of architectural concrete.

b) For courier-delivered products, the customer must inspect the shipment upon receipt. In case of damage, a protocol and photographic documentation must be prepared in the couriers presence as a condition for filing a complaint.

Manufacturer Information

Detailed product specifications and installation instructions can be found in the product catalogue available at: <https://livingconcrete.co.uk>

Living Concrete informs that its polypropylene fibre-reinforced panels (with optional steel reinforcement for specific formats) are ready-made prefabricated elements for use in residential and public buildings as cladding for interior and exterior walls, facades, and elevations. These panels have been tested and certified to meet performance standards for wall-mounted applications only.

Living Concrete panels must be used only as intended. Living Concrete is not liable for any consequences resulting from misuse or improper installation.

Any alternative use of the panels is at the sole discretion and responsibility of the customer. Damage resulting from such misuse cannot form the basis for claims against Living Concrete.

For more details, refer to the Product Card available at <https://livingconcrete.co.uk/tech-data-downloads/>

Technical Support contact: sales@livingconcrete.co.uk



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