



**CHATSWORTH**  
GRC CLADDING



# CHATSWORTH

## GRC CLADDING

### Grade 8P

**Suitable for small units**

Production method:  
Hand placed & poured pre-mix  
Characteristic LOP (MPa) = 5  
Characteristic MOR (MPa) = 8

### Grade 10P

**Suitable for units up to  
approximately 1.2m<sup>2</sup> (50kgs)**

Production method:  
Sprayed pre-mix  
Characteristic LOP (MPa) = 6  
Characteristic MOR (MPa) = 10

### Grade 18P

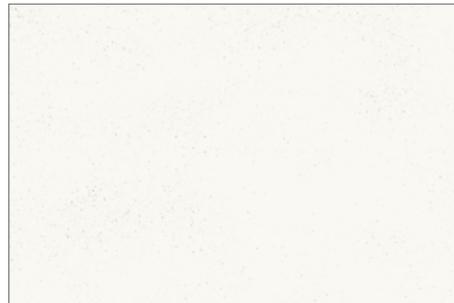
**Suitable for larger panels**

Production method:  
Simultaneous spray-up  
Characteristic LOP (MPa) = 7  
Characteristic MOR (MPa) = 18

Chatsworth GRC will help the design team specify the correct grade for the project requirements.

This sample is offered in good faith as being representative of the products in stock at the time of manufacture. We take great care to ensure that our sources of raw materials remain consistent however as they are natural materials, minor variations can occur outside of our control, therefore no guarantee can be given.

**Smooth**



**Patterned**



## Portland



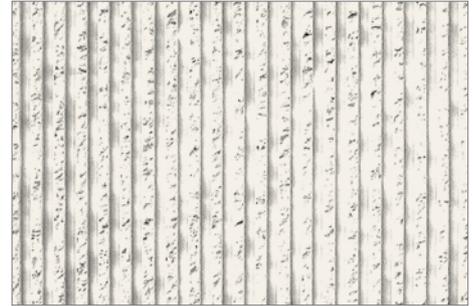
**Note:** The pattern shown is indicative. Other patterns are available. Please contact us for details. The colours shown here are a representation of the materials we produce. We advise that you obtain a sample.

## Bath

Smooth



Patterned



## York

Smooth

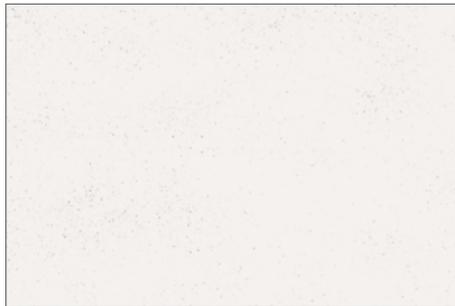


Patterned



## Colwyn

Smooth



Patterned



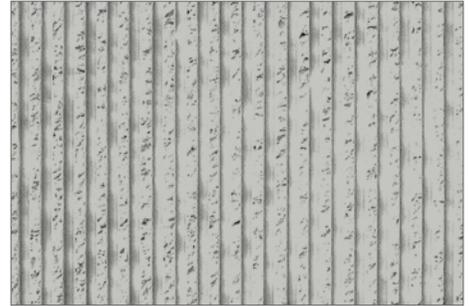
**Patterned finishes:** We do not carry any patterned samples in stock. Please call 01535 662743 with your requirements and ask for sales.

## Kendal

Smooth



Patterned



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## Chester

Smooth



Patterned



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## Canterbury

Smooth



Patterned



## Benefits of GRC



### Economical

With a combination of low weight (typically 40kgs/m<sup>2</sup> @ 15mm design thickness) and high strength, GRC reduces the demands on the foundations and structure. It is an ideal cladding material for high rise buildings.



### Environmentally Sound

Being a relatively low weight material, GRC reduces CO<sub>2</sub> emissions associated with their transportation. GRC is also recyclable.



### Flexibility in Design

GRC can be moulded into many profiles from contemporary clean lines to very complex shapes with fine details so it is suitable for both modern and historic buildings.



### Fire Rated

GRC as an A1 fire rated material offering the architect - when used in conjunction with other similar fire rated materials - confidence in its performance.



### Durability

The AR (Alkaline Resistant) fibres used for reinforcement within the product is non-ferrous therefore it is not susceptible to corrosion. The material also performs well under extreme weather conditions such as freezing weather conditions and fire.



### Installation

With many panels weighing around 50kg, GRC is an ideal material when working on sites with restricted access. It can be brought on to a site, moved around and installed without the need for mechanical assistance.





## Chatsworth Design Principles

**Reactive; attentive; meet customer needs**

**At Chatsworth we understand what our customers want.**

We work with building owners, architects and contractors, and carefully consider the needs of each throughout a build; be that working to time constraints, overall build cost or other needs.

Our technical team are able to aid stakeholders through the design process thanks to their years of practical experience in both design and installation of Glassfibre Reinforced Concrete (GRC). Therefore, ensuring that finished projects meet client expectations.

We work closely with preferred suppliers of stainless-steel fixings and specialist GRC installation contractors, meaning clients are able to approach us safe in the knowledge that we can coordinate the whole design process from concept to completion.

 01535 662 743

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GROUP