

# PROGRP

ADVANCED GLASSFIBRE ROOFING SYSTEM



## GRP FLAT ROOF SYSTEM

No Joints • No Seams • No Leaks



HEAT  
RESISTANT



STORM  
PROOF



FROST  
PROOF



FIRE  
RESISTANT



FOOT  
TRAFFIC



IMPACT  
RESISTANT

[CromarGRP.com](http://CromarGRP.com)

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**What is PRO GRP?** GRP stands for Glass Reinforced Polyester. GRP is also known as Glass-Fibre. This system is cold applied on site, giving it a seamless and flexible weatherproof finish that resists water, heat and frost. The resulting surface gives a strong architectural finish that looks very impressive. If maintained properly it will last as long as the building stands.

We have developed this technology further to produce the perfect all weather protection for any flat roof.

**PRO GRP** can be applied in small domestic situations right through to large industrial environments.

## *Benefits of a GRP System*

- **COLD APPLIED**  
no heat required
- **EASY TO FORM**  
around complex situations
- **VERY DURABLE**  
resists heavy foot traffic
- **NON-SLIP WALKWAYS**  
can be incorporated
- **CLASS LEADING ROOFING SOLUTION**

## **SOLUTION**

that far exceeds traditional methods

- **VIRTUALLY MAINTENANCE FREE**  
for very long periods of time
- **IMPACT RESISTANT**  
due to its ultra hard finish
- **FIRE RETARDANT**
- **HIGHLY ECONOMICAL SOLUTION**



**Wall Fillet**  
Available in 3m lengths




Firrings added to aid run off.



**Trim Adhesive**  
Available in 310ml



**Raised edge trim**  
Available in 3m lengths



**Simulated Lead Flashing**  
Available in 3m lengths



**Glass Fibre Matting**  
In 450gm<sup>2</sup> and 600gm<sup>2</sup>.  
**Resin**  
Available in 10kg and 20kg containers



**Top Coat**  
UV and final weatherproofing protection  
Available in 10kg and 20kg containers

*The Pro Grp Range of products*



Available in 10kg / 20kg



Available in 10kg / 20kg



Available in 310ml



Available in 5kg / 25kg



Available in 5ltr / 25ltr

Trim Selection



Available in rolls of 35kg



Laminating Rollers



Application Rollers



Brushes



Dispensing Bottle



**Large Fascia Trim**  
Fascia / drip trim  
Available in 3m lengths

# PRIMARY MATERIALS

| Roof Area (m <sup>2</sup> ) | ProGRP Resin required at a coverage rate of 1.5kg/m <sup>2</sup><br>(Allows for 10% wastage) |             | ProGRP Topcoat required at a coverage rate of 0.5kg/m <sup>2</sup> |             | ProGRP Standard Chopped Strand Matting 450gsm required<br>(33kg covers approx 73m <sup>2</sup> ) |              | Catalyst (1kg) based on 4% | Decking Boards 2.4m x 0.6m x 18mm |
|-----------------------------|--|-------------|--|-------------|--|--------------|----------------------------|-----------------------------------|
|                             | Kg   | N. of Tins  | Kg   | N. of Tins  | M <sup>2</sup>   | Rolls (33kg) | Kg                         | 1.44m <sup>2</sup> /board         |
|                             |  | 10kg + 20kg |  | 10kg + 20kg |  |              |                            |                                   |
| 5                           | 7.5  | 1 + 0       | 2.5  | 1 + 0       | 5  | 1            | 1                          | 5                                 |
| 10                          | 15   | 0 + 1       | 5  | 1 + 0       | 10   | 1            | 1                          | 8                                 |
| 15                          | 22.5   | 1 + 1       | 7.5  | 1 + 0       | 15   | 1            | 2                          | 12                                |
| 20                          | 30   | 1 + 1       | 10   | 1 + 0       | 20   | 1            | 2                          | 15                                |
| 25                          | 37.5   | 0 + 2       | 12.5   | 0 + 1       | 25   | 1            | 2                          | 19                                |
| 30                          | 45   | 1 + 2       | 15   | 0 + 1       | 30   | 1            | 3                          | 23                                |
| 35                          | 52.5   | 0 + 3       | 17.5   | 0 + 1       | 35   | 1            | 3                          | 26                                |
| 40                          | 60   | 0 + 3       | 20   | 0 + 1       | 40   | 1            | 3                          | 30                                |
| 50                          | 75   | 0 + 4       | 25   | 1 + 1       | 50   | 2            | 5                          | 38                                |
| 60                          | 90   | 1 + 4       | 30   | 1 + 1       | 60   | 2            | 6                          | 46                                |
| 70                          | 105  | 1 + 5       | 35   | 0 + 2       | 70   | 2            | 7                          | 54                                |
| 80                          | 120  | 0 + 6       | 40   | 0 + 2       | 80   | 2            | 7                          | 61                                |
| 90                          | 135  | 0 + 7       | 45   | 1 + 2       | 90   | 3            | 7                          | 69                                |
| 100                         | 150  | 1 + 7       | 50   | 1 + 2       | 100  | 3            | 7                          | 77                                |

The values above are recommended coverage rates for estimating purposes we would recommend coverage rates of 1.5kg/m<sup>2</sup> for resin, and 0.5kg/m<sup>2</sup> for top coat.

# ADDITIONAL MATERIALS

| Roof Size (M <sup>2</sup> ) | 3" Rollers | 3" Roller Sleeves | 7" Rollers | 7" Roller Sleeves | Small laminating rollers | Large laminating rollers | Small Brushes | Large Brushes | Acetone (Litres) | Small Buckets | Large Buckets | Trim Adhesive |
|-----------------------------|------------|-------------------|------------|-------------------|--------------------------|--------------------------|---------------|---------------|------------------|---------------|---------------|---------------|
| 5                           | 1          | 1                 | 1          | 2                 | 1                        | 1                        | 1             | 2             | 5                | 1             | 2             | 1             |
| 10                          | 1          | 2                 | 2          | 3                 | 1                        | 1                        | 1             | 2             | 5                | 1             | 2             | 1             |
| 20                          | 1          | 3                 | 2          | 4                 | 1                        | 1                        | 2             | 2             | 5                | 1             | 2             | 2             |
| 40                          | 1          | 3                 | 2          | 6                 | 1                        | 1                        | 2             | 4             | 5                | 1             | 3             | 3             |
| 60                          | 2          | 4                 | 3          | 8                 | 1                        | 1                        | 4             | 6             | 5                | 2             | 3             | 4             |
| 80                          | 2          | 4                 | 3          | 10                | 1                        | 1                        | 4             | 8             | 10               | 2             | 4             | 6             |
| 100                         | 3          | 5                 | 3          | 12                | 1                        | 2                        | 5             | 10            | 10               | 2             | 4             | 7             |

Preformed GRP edge trims are not included in this table. These are available in 3m lengths and have to be measured separately.

\* If using the 600gsm chop strand matting you will need to use approximately 33% more resin.

| Catalyst required (millilitres) |                                 |               |              |             |
|---------------------------------|---------------------------------|---------------|--------------|-------------|
| Quantity of resin (Litre)       | Temperature / Catalyst required |               |              |             |
|                                 | 20-30 °C<br>1%                  | 13-19°C<br>2% | 9-12°C<br>3% | 5-8°C<br>4% |
| 1                               | 10ml                            | 20ml          | 30ml         | 40ml        |
| 2                               | 20ml                            | 40ml          | 60ml         | 80ml        |
| 3                               | 30ml                            | 60ml          | 90ml         | 120ml       |
| 4                               | 40ml                            | 80ml          | 120ml        | 160ml       |
| 5                               | 50ml                            | 100ml         | 150ml        | 200ml       |
| 6                               | 60ml                            | 120ml         | 180ml        | 240ml       |
| 7                               | 70ml                            | 140ml         | 210ml        | 280ml       |
| 8                               | 80ml                            | 160ml         | 240ml        | 320ml       |
| 9                               | 90ml                            | 180ml         | 270ml        | 360ml       |
| 10                              | 100ml                           | 200ml         | 300ml        | 400ml       |

## Summer / Winter

We DO NOT recommend laminating in temperatures below 5°C and above 35°C ambient temperature, please consult our technical department.

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Note: These temperature breaks are approximate. Always test catalyst additions with your first mix and adjust up or down as required.