

# Data Sheet

## FORECLAD 200 - F200R



Foreclad 200 roofing & cladding is manufactured in three variations, F200R, F200RS and F200RT.

F200R is the standard default profile for the Foreclad 200 and is the recommended choice. It is possible to add swages or mini ribs to the profile if specifically required, though extra care must be taken when fixing the sheet. With the swages added to the sheet it becomes our F200RS profile. Or with the mini ribs added it becomes our F200RT profile.

All variations of the Foreclad 200 profile are available in various colours using colour coated steel which is sourced from only trusted mill producers.

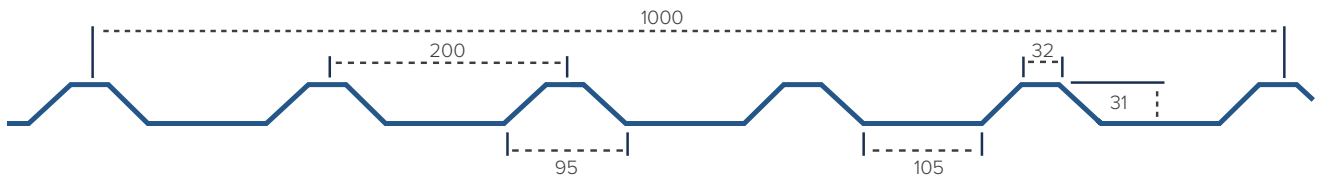
Our roofing sheets are suitable for a wide variety of purposes including but not limited to industrial buildings, agricultural

buildings, domestic projects and commercial projects.

Foreclad 200 can be manufactured from short to substantially long lengths and is suitable both for single skin applications or to form part of a twin skin system.

The bulk of the stock carried by Foregale is 200 micron leather grain plastisol as this is the standard material used in the UK. We keep stock of this mainly in 0.7mm but also in 0.5mm. Though there are many manufacturers of plastisol material, at Foregale we are careful only to select trusted and reputable steel mills.

Warranties and statements of performance for the plastisol are available on request with a guarantee for up to 30 years.



| DIMENSION DETAILS |        |              |       |
|-------------------|--------|--------------|-------|
| COVER WIDTH       | 1000mm | CROWN WIDTH  | 32mm  |
| PROFILE PITCH     | 200mm  | VALLEY WIDTH | 105mm |
| PROFILE DEPTH     | 31mm   | RIB WIDTH    | 95mm  |

| WEIGHT PER LINEAR METRE |         |
|-------------------------|---------|
| 0.7mm                   | 6.70 kg |
| 0.5mm                   | 4.79 kg |

| SAFE WORKING LOAD (ULTIMATE / 1.5) |             |          |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------------------------------|-------------|----------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                    |             | SPAN (M) |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                    |             | L/200    | THICKNESS | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00 | 2.10 | 2.20 | 2.30 | 2.40 | 2.50 | 2.60 |
| POSITIVE PRESSURE                  | SINGLE SPAN | 0.7      | 6.11      | 5.05 | 4.24 | 3.61 | 3.12 | 2.62 | 2.16 | 1.80 | 1.52 | 1.29 | 1.11 | 0.96 | 0.83 | 0.73 | 0.64 | 0.57 | 0.50 |      |
|                                    | DOUBLE SPAN | 0.7      | 3.30      | 2.87 | 2.52 | 2.23 | 1.99 | 1.78 | 1.61 | 1.46 | 1.34 | 1.22 | 1.13 | 1.04 | 0.96 | 0.89 | 0.83 | 0.78 | 0.73 |      |
|                                    | MULTI SPAN  | 0.7      | 3.92      | 3.41 | 3.00 | 2.66 | 2.38 | 2.14 | 1.93 | 1.76 | 1.61 | 1.47 | 1.36 | 1.25 | 1.16 | 1.08 | 1.01 | 0.94 | 0.88 |      |
|                                    | SINGLE SPAN | 0.5      | 3.10      | 2.82 | 2.59 | 2.24 | 1.93 | 1.68 | 1.42 | 1.18 | 1.00 | 0.85 | 0.73 | 0.63 | 0.55 | 0.48 | 0.56 | 0.37 | 0.33 |      |
|                                    | DOUBLE SPAN | 0.5      | 1.81      | 1.58 | 1.39 | 1.24 | 1.11 | 1.00 | 0.91 | 0.83 | 0.76 | 0.69 | 0.64 | 0.59 | 0.55 | 0.51 | 0.48 | 0.45 | 0.42 |      |
|                                    | MULTI SPAN  | 0.5      | 2.14      | 1.87 | 1.65 | 1.47 | 1.32 | 1.19 | 1.08 | 0.99 | 0.91 | 0.83 | 0.77 | 0.71 | 0.66 | 0.62 | 0.58 | 0.54 | 0.51 |      |

| SAFE WORKING LOAD (ULTIMATE / 1.5) |             |          |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------------------------------|-------------|----------|-----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                                    |             | SPAN (M) |           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|                                    |             | L/200    | THICKNESS | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00 | 2.10 | 2.20 | 2.30 | 2.40 | 2.50 | 2.60 |
| SUCTION                            | SINGLE SPAN | 0.7      | 5.66      | 4.68 | 3.93 | 3.26 | 2.61 | 2.12 | 1.75 | 1.46 | 1.23 | 1.04 | 0.89 | 0.77 | 0.67 | 0.59 | 0.52 | 0.46 | 0.50 |      |
|                                    | DOUBLE SPAN | 0.7      | 3.42      | 2.97 | 2.61 | 2.32 | 2.07 | 1.86 | 1.68 | 1.53 | 1.40 | 1.28 | 1.18 | 1.09 | 1.01 | 0.94 | 0.86 | 0.78 | 0.73 |      |
|                                    | MULTI SPAN  | 0.7      | 4.05      | 3.53 | 3.11 | 2.76 | 2.47 | 2.23 | 2.02 | 1.84 | 1.68 | 1.54 | 1.42 | 1.29 | 1.12 | 0.98 | 0.86 | 0.94 | 0.84 |      |
|                                    | SINGLE SPAN | 0.5      | 3.10      | 2.82 | 2.42 | 2.06 | 1.71 | 1.39 | 1.14 | 0.95 | 0.80 | 0.68 | 0.59 | 0.51 | 0.44 | 0.39 | 0.34 | 0.37 | 0.33 |      |
|                                    | DOUBLE SPAN | 0.5      | 1.87      | 1.64 | 1.45 | 1.29 | 1.16 | 1.04 | 0.95 | 0.86 | 0.79 | 0.73 | 0.67 | 0.62 | 0.58 | 0.54 | 0.50 | 0.45 | 0.42 |      |
|                                    | MULTI SPAN  | 0.5      | 2.21      | 1.94 | 1.71 | 1.53 | 1.37 | 1.24 | 1.13 | 1.03 | 0.94 | 0.87 | 0.80 | 0.75 | 0.69 | 0.64 | 0.56 | 0.54 | 0.51 |      |