

**Superclad Wall Cladding
BPIR Product Statement - Class 1**

1. Company Details

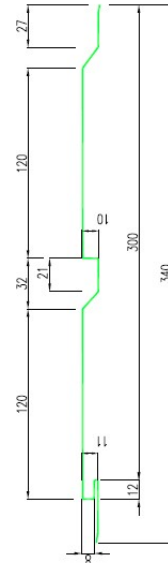
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2. Product Name & Product Codes

Superclad Wall Cladding

- 20145519 Superclad 0.40 G300 G2Z Desert Sand
- 20145521 Superclad 0.40 G300 G2Z Ebony
- 20145522 Superclad 0.40 G300 G2Z Flaxpod
- 20145533 Superclad 0.40 G300 G2Z Grey Friars
- 20145538 Superclad 0.40 G300 G2Z Ironsand
- 20145543 Superclad 0.40 G300 G2Z Karaka
- 20145552 Superclad 0.40 G300 G2Z Mist Green
- 20145562 Superclad 0.40 G300 G2Z New Denim Blue
- 20145571 Superclad 0.40 G300 G2Z Permanent Green
- 20145575 Superclad 0.40 G300 G2Z Sandstone Grey
- 20145576 Superclad 0.40 G300 G2Z Scoria
- 20145590 Superclad 0.40 G300 G2Z Titania

- 20145520 Superclad 0.40 G300 G2Z Ebony Maxx
- 20145523 Superclad 0.40 G300 G2Z Flaxpod Maxx
- 20145591 Superclad 0.40 G300 G2Z Titania Maxx



3. Product Description & Use

Superclad roll formed weatherboard is manufactured from NZ Colorsteel as a wall cladding. The profile is described as a 150mm 'rusticated' weatherboard. It is classified as a lightweight wall cladding suitable for residential & commercial construction on garages, sleepout, homes & offices.

Key Technical Specifications:

- NZ Steel Colorsteel Endura & Maxx
- 0.4mm BMT
- Maximum length 6.6m
- Cold roll formed using prime grade G300 steel (300 mPa minimum yield stress)
- Can be direct fixed or on drained cavity system

Basis of Compliance		
NZ Building Code Clauses	Compliance Statement	Demonstrated By
B1/AS1 Structure B1.3.1, B1.3.2, B1.3.3 (a,b,c,d,g,i)	Acceptable Solution B1/AS1	AS/NZS 1397:2011 AS/NZS 1170:2021 (for span tables)
B2/AS1 Durability B2.3.1(b), B2.3.2 (b)	Acceptable Solution B2/AS1	Coated in accordance with AS/NZS 2728:2013 (Cited in E2/AS1)
C3 Fire Affecting Area Beyond the Fire Source C/AS1, C/AS2 C3.7 (a)	Acceptable Solution C/AS1 C/AS2	Steel is non-combustible
E2/AS1 External Moisture. E2.3.2, E2.3.3, E2.3.5, E2.3.6, E2.3.7 (a,b,c)	Acceptable Solution Alternative Solution	Largely in accordance with E2/AS1 by comparison Alternative solution by in service history use (Branz No 220 1992)
F2/AS1 Hazardous Building Materials F2.3.1	Alternative Solution	Coating system is inert once dry Colorsteel safety data sheet

Scope	Limitations
In all wind zones as defined in NZS 3604:2011	Superclad Cladding applies in all wind zones including extra high wind.
In all exposure zones as defined in by NZS 3604:2011	In Exposure Zone D only Colorsteel Maxx must be used.
On Buildings located within 1m of any relevant boundary's	Superclad is non-combustible.
As a wall cladding	<p>A drained & ventilated cavity is recommended as per E2/AS1. Unlined or importance level 1 buildings can be direct fixed.</p> <p>Flashings, Flexible & Rigid building underlays must be in accordance with E2/AS1.</p> <p>Compatibility with other building materials must be in accordance with E2/AS1.</p>

4. Installation Requirements

Before installing Superclad cladding appropriate safety measures must be undertaken in relation to working from height and Personal Protective Equipment.

The following items are required for installation:

- Cladding layout
- Cladding assembly guidelines and start heights
- Building construction plans
- Cladding nails or appropriate cladding gun
- Tape measure
- Builders square
- String or chalk line to mark board increments on the wall
- Hammer & nail punch
- Tin snips
- Drill, revits & Pop riveter
- Sealant and caulking gun
- Spirit Level
- Personal Protective Equipment (PPE) i.e. gloves, hearing protection, safety glasses

Key Installation Requirements:

- Refer to cladding layout sheet for location of boards.
- Ensure 300mm board coverage is maintained.
- Using start heights as specified in building instructions it is imperative that all board positions be either marked with a chalk line or string line on the wall which will help show if boards are creeping.

- As Superclad is supplied cut to length as per cladding layout, if altering is required on site always ensure you double check that it is required before cutting any sheets on site.
- For long length board two people are required to install cladding as this will reduce the likelihood of damage to boards.
- Do not carry the boards on the flat, carry in the vertical position to avoid excessive bending.
- Push board hard up into bottom groove of above board, ensure board is located properly before nailing off.

Fixing & Installation:

- Superclad is fixed to studs or cavity battens with 32x2.8mm galvanised twist shank nails. Fix every 150mm vertically at all corners and openings and every 300mm to intermediate studs.
- For habitable buildings clad in Superclad, a PVC back flashing is fitted down external corners and openings as a backstop to any moisture. Any moisture hits the upstand and will be directed down and out past the bottom plate.
- Behind aluminium joinery a profiled foam in seal is fitted between the aluminium flange and the cladding. The in seal is manufactured BY Ultalon Foam Group and is a closed-cell, cross-linked PE30 polyethylene foam which has a minimum durability of 15 years.
- Cavity Battens needs to be H3.1 LOSP treated. Separation between cavity battens and cladding is not required as battens do not contain copper. Cavity battens must be structurally fixed to framing at 300mm staggered centres.

Nail Size & Fixing Method:

- Superclad cladding is fixed with 32x2.8mm galvanised twist shank nails and can be either hand nailed or nailed using an appropriate cladding gun that uses collated 32x2.8mm galvanised twist shank nails.
- All concealed nails must be driven flush with the board surface.

Gun Nailing:

- Superclad can be nailed using an appropriate cladding gun that uses collated 32x2.8mm galvanised twist shank nails. It is fixed in same manner mentioned above.
- When using an appropriate cladding gun it is recommended that a rubber nose protector be used on the end of the gun to stop unduly damaging the cladding sheet.

5. Maintenance Requirements

- Refer NZ Steel Environment Categories April 2022
<https://www.colorsteel.co.nz/assets/Brochures/Environmental-Categories-Brochure-Mar2022-WEB.pdf>

6. Cladding Warnings or Bans

Superclad does not have a ban or subject to a warning under section 26.

Date: 1/12/2023