

NOVAPANEL CLASSIC

Panel Features

- Fireproof
- Longlasting

Panel Applications

- Eaves
- Fascia/Facade Systems
- Curtain wall infill panel
- Awning roof panels
- Commercial facades

Thermal Conductivity

Relatively low thermal conductivity: R-Value. At Equilibrium Moisture content the approximate R-value of Panel is 0.55 w/m C.

Fire Resistance

Tested and passed the Early Fire Hazard Property criteria in compliance with AN/NZS 1530.3 and AS/NZS 3837 and is deemed a Group 1 material in accordance with BCA, Volume 1, Specification A2.4; Fire Hazard Properties. As/NZS

| | |
|-----------------------|-----|
| Ignition Index: | 0 |
| Spread of Flame Index | 0 |
| Heat of evolved index | 0 |
| Smoke Developed Index | 0-1 |

Durability

Immune to permanent water damage in both short and long-term exposure. Panels are not adversely affected over a temperature range of 0°C to 95°C.

Weather Resistance

Conforms to the building code of Australia (BCA) requirements for exterior wall applications. Product has been tested to AS/NZS 4284 Testing of Building Facades.

Panel Sizes

Novapanel is available in the following sizes.

| Thick-ness mm | Mass kg/m ² | Width mm | LENGTH mm | | | |
|---------------|------------------------|----------|-----------|------|------|------|
| | | | 1800 | 2400 | 2700 | 3000 |
| 9 | 15 | 900 | • | • | • | • |
| | | 1200 | • | • | • | • |
| | | 1200 | • | • | • | • |
| 12 | 20 | 18 | • | • | • | • |

Design Considerations

The deflection of the supporting structure should be limited span/250 for Serviceability Wind Load or as limited by AS/NZ1170.

Wind Load / Pressure Load

The design capacities of the panel are in limit state format and are based on AS/NZS1170.2-2002 Wind Actions. The Top Hat capacities have been calculated in accordance with AS/NZS4600 - cold form steel structures.

Maintenance

See Maintenance document - Yearly Clean advised.

Warranty

8 Year warranty



| | |
|-----------|--------------------------------------|
| TYPE | External Cladding |
| FACE COAT | Colourthane |
| REAR COAT | Acrylic coating |
| MATERIAL | Pre-finished compressed fibre cement |
| GRADE | Panel grade 3 |
| GLOSS | Ranges between 50-120% |

Coating Information

Colourthane is an ultra-premium, two part recoatable isocyanate cured acrylic polyurethane finish

- Excellent colour and gloss retention
- Excellent resistance to exterior exposure
- Superior colour reproducibility through intermix tinting system
- Tough, flexible and abrasion resistant
- Unlimited recoatability with suitable preparation
- High opacity white available for improved coverage
- Range of hardeners and thinners available to provide flexibility in application
- Resistant to splash of mineral and vegetable oils, white spirit, paraffins and aliphatic petroleum products
- Resistant to splash of mild chemicals
- Can be air dried or force dried up to 60°C on metal to improve throughput

Colour Range

AS2700 Colour Card, high opacity white, jet black, coarse and fine metallic colours



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