

NOVAPANEL Natural

Panel Features

- Fireproof
- Satin, Semi gloss and full gloss available

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

15 Year warranty



TYPE	External Cladding
FACE COAT	PV3F
REAR COAT	Acrylic coating
MATERIAL	Pre-finished compressed fibre cement
GRADE	Panel grade 3
GLOSS	Ranges between 50-100%

Coating Information

Nova PV3F coating is a unique two pack fluoropolymer resin base top coat.

Paint Type:	Fluoropolymer PV3F
Finish:	Gloss satin, metallic or pearl.
Colour:	Natural
Hardener	Isocyanate.
Abrasion Resistance :	Excellent
Chemical Resistance:	Excellent
Dry heat Resistance:	Excellent
Salt Spray Resistance	Excellent
Coating weight:	1.01 ~ 1.25Kg/Litre

Colour Range

Cleat coat - natural finish.