

PAA: LumiLux

PRODUCT INFORMATION

LumiLux panels are a compressed, autoclaved, cellulose fibre reinforced silica/cement panel, specially formulated and prepared to meet the requirements for use in exterior applications.

LumiLux panels have a smooth flat surface and a neat square edged finish, for enhanced expressed joint facades.

FIRE RESISTANCE

LumiLux has been tested for and passed the Early Fire Hazard Property criteria in compliance with AS/NZS 1530.3 and AS/NZS 3837 and is deemed a Group 1 Material in accordance with the Building Code of Australia (BCA), Volume 1, Specification A2.4; Fire Hazard Properties. AS/NZS 1530.3; Early Fire Hazard Properties.

-Ignition Index	0
-Spread of Flame Index	0
-Heat Evolved Index	0
-Smoke Developed Index	0-1

DURABILITY

LumiLux physical properties make it a very durable product.

LumiLux panels are immune to permanent water damage in both short and long-term exposure.

LumiLux panels will not rot or burn and are unaffected by termites, air, steam, salt and sunlight.

LumiLux panels are not adversely affected over a temperature range of 0°C to 95°C.

THERMAL CONDUCTIVITY

LumiLux panels have relatively low thermal conductivity: R-value. At Equilibrium Moisture content the approximate R-Value of LumiLux is; - 0.55 W/m°C.

WEATHER RESISTANCE

LumiLux Facade System conforms to the Building Code of Australia (BCA) requirements for exterior wall applications.

LumiLux Facade System has been tested to AS/NZS 4284 Testing of Building Facades.

PANEL WEIGHT

THICKNESS	WIDTH		LENGTH			
6mm	1200mm	2400mm	2700mm	3000mm	3600mm	
9mm	1200mm	2400mm	2700mm	3000mm	3600mm	

SHEET TOLERANCES

- Width +0/-2mm
- Length +0/-2mm
- Thickness +10%/-0%
- Diagonals difference (max) 2mm
- Edge straightness deviation (max) 1mm

HANDLING AND STORAGE

LumiLux must be stacked flat, up off the ground and supported on equally spaced (max 400mm) level gluts.

Sheeting must be kept dry. When stored outdoors it must be protected from the weather.

Care should be taken to avoid damage to the ends, edges and surfaces. Sheets must be dry prior to fixing, jointing or finishing.

DISCLAIMER:

Since the use and application of this product is beyond our control we cannot be held responsible for product field performance. The information represented above is the result of our considerable experience with this product but is not to be construed as a performance warranty.

