

**GUARDIAN BUILDING
PRODUCTS (QLD) PTY LTD**



**READIPANEL FAÇADE
PANELS**

**PREMIUM PRE-FINISHED COMPRESSED FIBRE
CEMENT FAÇADE PANELS**

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READIPANEL FAÇADE PANELS

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1 INTRODUCTION

Guardian Building Products have taken the James Hardie Exotec and Scyon Matrix products and produced a premium pre-finished façade panel.

The Readipanel Façade Panel is based on the Exotec Panel and fixing system. Through the use of factory applied two pack paint systems we are able to offer a premium finish in a broad range of both plain colours and metallic finishes.

Readipanel Façade Panels have been used over a long period of time on a broad range of buildings including Royal Brisbane Hospital, Cairns Navy Base and The Queensland Academy of Creative Arts.



The Readipanel RES Façade Panel is based on the Scyon Matrix Panel and has been introduced to provide a premium finish on residential or small commercial developments.

James Hardie introduced Scyon Matrix, an exterior cladding system with a geometric expressed joint look, to provide a price effective 'commercial look' cladding without the commercial price tag.

Guardian have expended on this principle by providing a pre-finished matrix panel. This panel enables you to not only provide the modern design, but also the premium finish only available through the use of factory applied two pack paint systems.

READIPANEL FAÇADE PANELS

Guardian's Readipanel Façade Panels are the premium pre-finished fibre cement panel for building facades and fascias offering a broad choice of paint systems and colours. Readipanel has been developed and refined over the past decade providing both architects and builders with a versatile panel with options available to meet their needs and to simplify the on-site installation process.

Typical uses

- Façade / Fascia systems
- Infill panels in glazing applications
- Soffit lining panels
- Double sided balustrade panels
- Awning Roof Panels

Colours

- Readipanel provides the broadest range of standard colours allowing our customers to choose from any available colour chart and we will match your choice.
- Readipanel is also available in a broad range of metallic colours with over 50 to choose from.

Paint systems

- Readipanel is available in a broad range of paint finishes providing our customers with the ability to choose the system which best meets their needs
- These paint systems include the following. For more details refer to the paint manufacturers specification sheets included in this document
 - Ameron 977 Catalysed Acrylic Urethane Finish
 - Inflonito A20 Two Pack Fluoropolymer based paint system
 - Inflonito A10 Two Pack Fluoropolymer based paint system
 - Inflonito A20 or A10 Two Pack Fluoropolymer for Metallic Colours
 - Inflonito A10 Two Pack Fluoropolymer based paint system
 - Amershield Aliphatic Polyurethane Coating

Paint System Features

- Depending on the system and colour chosen a broad range of gloss levels is available ranging from low gloss through to full gloss.
- High Sheen Satin finish is recommended
- A range of warranties is available to suit most needs

READIPANEL FAÇADE PANELS

Panel features

- Standard size panels available from 1800mm x 900mm up to 3000mm x 1200mm
- Panels available in 6mm, 9mm, 12mm, 15mm, 18mm and 24mm thickness
- Panels can be cut to size and shape prior to painting, a feature aimed at maximising quality and simplifying the installation process
- Panels can be pre-drilled meet to the installers requirements again simplifying the installation process
- Our ability to supply panels cut to size and pre-drilled helps control site costs and also minimised problems caused by dust and space issues.
- Panels can be numbered to match site codes for easy identification
- Panels can be packed to match elevations or locations to simplify site processes

Serviceability

- Scratch and abrasion resistant
- Graffiti resistant
- Resistant to most moulds
- Easily cleaned during cyclical maintenance programs

Installation

- The installation recommendations shown below refer to panels used as façade or fascia panels. Other applications need to be considered in conjunction with board manufacturers specifications for those cases.
- Guardian recommends the James Hardie Exotec façade panel and fixing system for it's Readipanel Façade Panels. Full details are available in the James Hardie Installation Guide which is available from Guardian or direct from James Hardie
- Readipanel Façade Panels are also available using CSR's Cemintel Expresspanel. Installation details for this system are available in the CSR Cemintel Commercial Expresswall brochure.
- To maintain the complete warranty for the full system Guardian recommends that installation is completed in compliance with the guides mentioned above.

Warranty

- Readipanel is available with a 10 or 15 year warranty guaranteeing the paint retains permanent flexibility and adhesion and under normal conditions will not crack or delaminate from the substrate.
- Project specific warranties may be available for longer periods depending on paint system used, colour and other conditions.
- Full warranty details are available once the paint system and installation system are defined.

READIPANEL RES FAÇADE PANELS

Readipanel RES has been added to Guardians Façade panel range to take advantage of the James Hardie SCYON Matrix panel.

The panel is specifically designed for use in Residential and Medium Density applications where a modern design is required. The application of a premium factory applied finish to Matrix panels provides the designer with an option of moving what is an excellent product to the next level. The products is also appropriate for use in small commercial applications.

The panels can be painted in the same range of colours and systems as standard Readipanel. It is fixed using the standard Matrix fixing system with exposed screws and JH faced washers.



READIPANEL FAÇADE PANELS

Brief Description of the Paint Systems Available:

Two Pack Catalysed Acrylic Finish

- Two component, non-yellowing, catalysed acrylic enamel finish coat with excellent durability.
- Available in full range of colours and fully re-coatable. Free of isocyanate curing agents.
- **Uses and Properties:** For the long term protection of steel, concrete or other surfaces exposed to chemical environment and weathering, ISO-FREE 977 possesses excellent chemical, solvent and water resistant properties, combined with excellent weathering and gloss retention. This makes ISO-FREE 977 an outstanding coating for a wide range of applications. It is free of the health hazards associated with isocyanates.

Two Pack Exterior Urethane Finish

- Two pack polyurethane finish—premium quality
- Outstanding exterior durability
- Unlimited colour range—gloss, satin or metallic
- Pigmented using the most durable pigments available
- Based on very reactive acrylic resin cross linked with aliphatic isocyanate
- Excellent chemical and graffiti resistance
- V 608 has additional graffiti resistant capabilities

Fluoropolymer based Finish

- Excellent weathering performance
- Excellent application properties
- Excellent Chemical Resistance
- Inflonito will give at least 100% better UV resistance than a top quality acrylic urethane
- Unlimited colour range—gloss, satin, metallic or pearl

Aliphatic Polyurethane Finish

- Unique high-solids, high-build, multifunctional coating
- Low VOC
- High Gloss, self-priming coating
- Excellent Gloss Retention
- Outstanding abrasion, reverse and direct impact resistance
- Good chemical and stain resistance
- Tough and flexible coating
- Available in gloss only

READIPANEL FAÇADE PANELS

READIPANEL FAÇADE PROJECTS

QUT KELVIN GROVE

ROYAL BRISBANE HOSPITAL

MATER HOSPITAL SOUTH BRISBANE

WESLEY HOSPITAL

AMBERLEY AIR FORCE BASE

CAIRNS NAVY BASE

WHITSUNDAY POLICE STATION

QUEENSLAND ACCADEMY OF CREATIVE ARTS

VANTAGE GREEN OFFICE BUILDING

NORTH LAKES COMMUNITY HEALTH

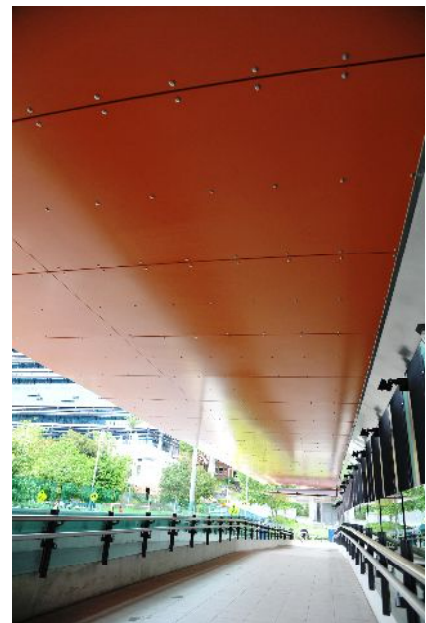
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GREEN SQUARE BRISBANE

STORAGE DEPOT

ROBINA HOSPITAL

CAIRNS AIRPORT



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