

# CATALOGUE 2016





























This catalogue describes the exciting new range of products and finishes available from Decorative Imaging. Decorative Imaging can apply any of our finishes to any aluminium extrusion, making an endless range of architectural and building solutions possible.

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### ABOUT DECORATIVE IMAGING

Decorative Imaging is a specialist powder coater and supplier of building products based on sublimation powder coating technology.

Sublimation for powder coating was developed in Italy more than 30 years ago by Decoral System, and has widespread market acceptance around the world.

Decorative Imaging is an innovative Australian owned family business with a total commitment to the highest standards of quality and service for our customers.

Our business partner is the Nepean Group and our technology partner is Decoral System.



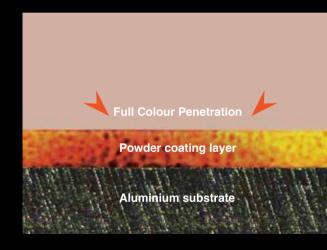


## WHAT IS SUBLIMATION?

Sublimation is a process whereby a substance changes from a solid state <u>directly into a gas</u>, without going through the liquid phase.

The sublimation process used for powder coating involves the desired image being first printed onto a special paper or film. The paper or film is then held hard against a special powder coating using vacuum, and under controlled conditions of heat and pressure, the image is then transferred directly into the powder coating by way of sublimation.

The special sublimation inks penetrate the full depth of the powder coating, and the image becomes an integral part of the powder coating. Deco finishes are baked on to the aluminium and are highly durable. Deco finishes are not 'printing' nor a 'stick on' film.





# **Experience DecoWood**

The stunning timber look that never needs painting

# SUPER REASONS

# BEAUTIFUL • DURABLE • SUSTAINABLE • EFFORTLESS • AUSTRALIAN • QUALITY • SELECTION



1

#### BEAUTIFUL

The Super Durable DecoWood finish creates an environment of warmth and style, just like timber. The versatility and flexibility of Super Durable DecoWood can be applied to many aluminium building products where the natural beauty of timber is required.



2

#### **DURABLI**

Super Durable DecoWood is a marine grade powder coating that is 50% more durable than standard powder coating.

Super Durable DecoWood aluminium will never twist, warp or rot like timber, and is resistant to termite attack.





# **SUSTAINABLE**

DecoWood aluminium is an ecologically sustainable alternative to many other building materials. Super Durable DecoWood enables you to enjoy the natural beauty of timber without using paints which contain harmful VOC's. Aluminium and can be easily recycled many times with low energy input.





#### **EFFORTLESS**

Super Durable DecoWood never needing sanding, painting, staining or oiling during its lifetime. DecoWood aluminium is light and strong as well as being fast and easy to install.



Rest assured that DecoWood is made in Australia, giving you confidence in the high quality of manufacturing and will therefore provide direct benefits to the Australian economy.



OUALITY

Super Durable DecoWood is made from the highest quality powders available that have been tested under extreme environmental conditions. DecoWood fully complies with Australian and International Standards.

Super Durable DecoWood is approved by Qualicoat, the international standard for quality assurance in powder coating.







### **SELECTION**

Choose from a wide range of nature textured or smooth DecoWood finishes.

DecoWood woodgrain finishes are also available in satin, matt and gloss finishes, as well as polyurethane anti-graffiti and slip resistant finishes.





### ARCHITECTURAL BLADES

DecoWood architectural blades add a striking feature to a building design. When used on exterior applications, DecoWood architectural blades can be incorporated to act as solar shading for glass, and contribute to the energy rating of the building.

When used for interiors, DecoWood Blades provide the warm look and feel of natural timber.

- ✓ Common sizes include 150 x 50, 200 x 50, 250 x 50
- Strong, lightweight, fast and easy to install
- ✓ Colour matched aluminium end caps available
- Dimensionally stable and durable
- Usually lower cost than architectural grade timbers











# ARCHITECTURAL FEATURES

Decorative Imaging has the experience and capability to realise the challenging designs required by architects.

Large elliptical, rectangular, square or round aluminium extrusions (one piece or multi piece) are able to have the DecoWood Super Durable finish applied by Decorative Imaging. In addition, large and complex fabrications can also be finished. For more complex and challenging designs, please consult the friendly and professional Decorative Imaging sales staff to discuss details of your project proposal.











# ARCHITECTURAL BATTENS

Battens are square or rectangular profiles used in a vertical orientation, which can add visual interest, texture and contemporary styling to a building design.

DecoBatten allows you to choose your batten size, spacing and background colour.

- ✓ One piece sizes include 32 x 32, 40 x 40, 50 x 50, 75 x 50, 100 x 50
- ▼ Two piece sizes include 46 x 25, 50 x 50, 76 x 25, 75 x 50, 100 x 50.
- Concealed fixing options available
- ✓ Colour matched aluminium end caps available











# ARCHITECTURAL CEILINGS

DecoWood architectural ceilings create a modern and warm feeling in a room. You can choose from a range of ceiling solutions including square or rectangular profiles, V groove panelling, DecoDeck secret fixing profile or as sheets. DecoWood ceilings can be used in fire egress areas where a non combustible material is required.

- ✓ Sizes include 100 x 25, 100 x 50, 150 x 50, 200 x 50, 250 x 50
- ✓ Square or rectangular profiles available + laser cut flat sheets
- ✓ One piece or two piece (concealed fixing) options
- Lightweight, strong, fast and easy to install













# HOSPITALITY APPLICATIONS

Beautiful and Durable DecoWood is the ideal finish to specify for the demanding requirements of hospitality applications.

The soft timber look enhances the customer appeal for any restaurant, hotel or club where such applications also require high durability and low maintenance. DecoWood aluminium is dimensionally stable so that products like bi-fold doors and windows will provide many years of trouble free service, despite the frequent usage.

DecoWood aluminium products are easy to clean and generally offer superior security and fire resistance compared to timber products.













The warmth of timber can make all the difference to external appearance of a building. The use of timber appearance provides relief and contrast for exterior building materials such as concrete or brick, and creates an inviting appeal.

- √ 200 mm wide boards with a contemporary recessed "shadow" between the boards
- ✓ Waterproof and rain-screen systems available with all accessory profiles
- Long, straight 6.5 m lengths with pre-punched fixing holes make DecoClad fast and easy to install
- DecoClad can be install in a vertical or horizontal orientation



















# ARCHITECTURAL CLADDING - V GROOVE

V Groove timber panelling is widely used as a feature for internal and external ceilings and walls. DecoClad V Groove can also be used in many other applications such as alfresco areas, balconies, building facades and porticos.

- Systems and accessories are common with the DecoClad Shadowline board
- Long, straight 6.5 m lengths and pre-punched fixing holes make DecoClad V Groove fast and easy to install
- 180 mm wide boards with the V Groove at 90 mm spacing
- Suitable for commercial and residential applications
- Special finishes available for interiors including satin and gloss



V GROOVE PROFILE















# LOUVRES AND SHUTTERS

Louvres are mainly used for the control of light and air, and add a stylish feature to a building. They can be fixed or operable, and can be utilised in a horizontal or vertical orientation. DecoWood elliptical louvre blades can be configured to suit your application and are strong and durable.

- ✓ Large range of elliptical blade sizes are available
- ✓ Elliptical louvres blades can be fixed or operable
- ✓ Shutters are available as sliding or folding panels













# ACOUSTIC PANELS AND PERFORATION

DecoPanel offers a unique combination of a highly durable DecoWood or DecoArt finish on perforated sheets for a variety of applications.

External and Interior applications can have round or custom shaped perforations incorporated with a custom image or design.

In addition, perforated sheets are available with an acoustic rating matched to the application.

- ✓ Durable Qualicoat Class 2 anti-graffiti polyurethane powder coating available for custom designs
- ✓ Wide choice of perforation shapes and sizes available
- ✓ Acoustic performance custom matched to application
- ✓ Complies with BCA / AS 3839 Group 1 non combustable material
- ✓ Large sheet sizes available + one design across multiple sheets













# **RETAIL APPLICATIONS**

Customers are attracted by the inviting warmth of the timber look which makes DecoWood an ideal choice for the retail environment. Low maintenance budgets are also an important consideration for shopping centre management and DecoWood meets this requirement because of the ease of cleaning and no painting is required, ever.

DecoWood Super Durable will provide a durable, long lasting solution to the demanding needs of retail applications.











## WINDOWS AND DOORS

Now you can add class and style to your home with Super Durable DecoWood windows and doors.

Aluminium is generally much stronger than wood in this application and is dimensionally stable, making DecoWood aluminium the ideal material for windows where the warmth and natural look of timber is required. The light weight of aluminium is also an advantage when large door panels are required for products such as Bi-Fold Doors, Entry Doors and French Doors.



- Available from Breezway Louvres and major manufacturers of windows and doors
- ✓ Easy to fit aluminium colour matched insect or security screens
- Super Durable marine grade finish can be used adjacent to salt water
- ✓ DecoWood windows and doors are available that comply with Bushfire Standard AS 3959 BAL 40
- ✓ DecoWood windows and doors comply with the Australian Window and Door Standard AS 2047
- ✓ Cost competitive with timber windows and doors











# **ALUMINIUM DECKING**

Decks provide the opportunity for outdoor living and the warmth of timber enhances the experience. With DecoDeck, there is now the opportunity to enjoy the outdoor experience without any concerns regarding durability and maintenance.

- Special slip resistant polyurethane powder coating can be used around pools and spas (AS 4586 – P4 classification)
- √ Available in 100 mm and 140 mm board coverage
- √ Fast and easy to install
- ✓ Colour matched aluminium end caps
- ✓ Installed cost is competitive with timber and composites
- ✓ Comfortable to walk on during hot days
- √ 600 mm maximum joist centres



















# **SLATS AND SCREENS**

DecoWood privacy screens add a modern look to your home or building. DecoWood aluminium is strong and durable and can be used for screens and gates with flexible spacing between the slats.

- Large size range available
- ✓ Common sizes include 65 x 16, 90 x 16, 75 x 15, 100 x 25
- √ Square corner or radius corner slats and posts available
- ✓ Aluminium corner stakes available for mitre cut gate frames
- ✓ One piece or two piece (no visible fixing) available
- Colour matched aluminium end caps available
- DecoWood aluminium available from Capral















# **UNLIMITED CHOICE**

There is an extensive range of DecoWood aluminium profiles available to meet the requirements of almost any application.

Capral is Australia's largest supplier of aluminium profiles and is Decorative Imaging's aluminium supply partner.

- ✓ All Capral extrusions can be finished in any DecoWood finish
- √ There is a solution available for any architectural and building design
- ✓ Hundreds of different profiles available
- ✓ Hundreds of different sizes available
- ✓ Search "Capral Aluminium extrusion catalogue" view "stocked aluminium" in your State.









### SIGNAGE

DecoSign is a highly durable sign solution where letters, maps, symbols and photos are required.

Signs can be flat sheets, or they can be fabricated or folded, and also incorporate fixing studs and returns.

- ✓ Special Qualicoat Class 2, UV stable and durable
- Super anti-graffiti polyurethane powder coating
- Any sign design or graphic
- Large signs and small signs available
- ✓ Sign available with a single image across multiple panels
- Laser cut shapes and attached fasteners available

















### **ALUMINIUM SPLASHBACKS**

DecoSplash is a unique kitchen splashback product that is made from 2mm powder coated aluminium sheet. DecoSplash is lightweight, fast and easy to install.

Now you can experience unlimited choice of designs and photos to create your beautiful splashback.

- Special durable easy to clean polyurethane powder coating
- ✓ Large selection of catalogue designs or custom designs
- Complies with all relevant Australian building codes and regulations
- Stays cool behind gas cooktop
- ✓ Distributed nationally by Lincoln Sentry

















### WET AREA LININGS

Now you can forget about tiles and create drama, fun and life in the bathroom or any wet area. DecoSplash is available in large sheet sizes that are a quick and easy one step process to install.

Choose your favourite scene such as a rainforest or a beach and make it a feature wall or shower recess.

- Special durable easy to clean polyurethane powder coating
- √ Large sheet sizes available (1200 x 2400 + 1500 x 3600)
- ✓ DecoSpalsh is available with a single image across multiple panels
- √ Complies with BASIX regulations impermeable membrane
- ✓ Unlimited design options
- Distributed nationally by Lincoln Sentry















The Qualicoat Specification for powder coating requires 18 tests to be performed. Key durability tests are the External Weathering Test (Florida test) and the Acidic Salt Spray test.

The Florida test measures the amount of change to colour and gloss of the powder coating, and any changes must be within the allowable limits prescribed by Qualicoat. The Acidic Salt Spray test is a harsh test that <u>determines how well the powder coating</u> is bonded to the aluminium.

| Qualicoat Class 1 is classified as suitable for use in interiors and mild exterior applications        | <b>1 Year</b><br>Florida Test  | <b>1,000 Hours</b><br>Acidic Salt Spray Test       |
|--|--------------------------------|--|
| Qualicoat Class 1.5 is classified as externally durable, and is the class generally used in Australia  | <b>2 Years</b><br>Florida Test | <b>1,000 Hours</b><br>Acidic Salt Spray Test       |
| Qualicoat Class 2 is classified as Super-Durable and all Deco finishes fully comply with this standard | 3 Years<br>Florida Test        | <mark>2,000 Hours</mark><br>Acidic Salt Spray Test |

Super-Durable DecoWood is a marine grade finish that is 50% more durable than the standard powder coatings used in Australia, and is 50% more durable than other woodgrain finishes available in Australia.

All Decorative Imaging finishes carry a 12 year warranty in accordance with the Qualicoat Specification and the Australian Standard for architectural powder coating AS 3715.

# SUPER SUSTAINABLE

DecoWood is a sustainable alternative for building products. Greater durability means less frequent replacement of products, and no painting or staining is easier for you and easier on the environment as it prevent harmful greenhouse gases (VOC's) being released into the atmosphere.

| SUSTAINABILITY INDEX | DecoWood     | Timber   | Plastic Composites |
|----------------------|--------------|----------|--------------------|
| No Logging of Trees  | $\checkmark$ | ?        | X                  |
| No VOCs              | <b>✓</b>     | Х        | X                  |
| Recyclable Material  | <b>✓</b>     | ?        | X                  |
| Recycle Offcuts      | <b>✓</b>     | ?        | X                  |
| Durable - long life  | <b>✓</b>     | Х        | X                  |
| No PVC               | $\checkmark$ | <b>✓</b> | X                  |
| Low Energy Recycle   | <b>✓</b>     | ?        | X                  |

Major aluminium producing countries such as Canada and Norway use 100% renewable hydro power for the production of aluminium. Aluminium can be recycled many times and requires little energy to do so.

Data from the International Aluminium Council shows that approximately 75% of all of the aluminium ever produced in the world is still in the system.





# SUPER REASONS QUALITY

Qualicoat is the International Standards organisation for quality assurance in powder coating. Qualicoat is the only specification for powder coating that mandates independent third party inspection and testing.

- Decorative Imaging is a licensed Qualicoat Decorator
- ✓ Decorative Imaging only uses licensed Qualicoat applicators for base coating
- ✓ The Qualicoat Specification and the Australian Standard for architectural powder coating AS 3715 are aligned
- All Decorative Imaging products and finishes fully comply with Australian Standard AS 3715
- Decorative Imaging is an active member of the AISF (Australasian Institute of Surface Finishing) and Qualicoat











## SUPER QUALITY - COMPLIANCE TESTING

All Decorative Imaging products have been successfully tested by the CSIRO building research station to Australian Standard AS 1530.3 (combustion of materials)

- CSIRO have certified that all of the Decorative Imaging products tested by them comply with the National Construction Code (BCA) 2015 C1.12 (e) as a non-combustible material
- Testing by the CSIRO to AS 3837 (heat and smoke) confirm that Decorative Imaging products are BCA Class 1 - non-combustible / non-flamable for interior use
- DecoDeck polyurethane slip resistant powder coating complies with AS 4586 - P4. Suitable for swimming pool surrounds



14 Julius Augono North Pudo NSW 2112

PO Box 310. North Ryde NSW 1670. Australia



#### **Certificate of Assessment**

without written authorization from CSIRO is forbidden

We have undertaken testing of three different coated alum rdance with AS/NZS 1530 3:1999 and following assessment of compliance with BCA 2015 Volume 1, Clause C1.12 (e), on behalf of

> Decorative Imaging Ptv Limited 26 Barry Road

CHIPPING NORTON NSW 2170

CSIRO Certificates of Test numbered FNE11431, FNE11433 & FNE11434 present the AS/NZS 1530.3:1999 test results for the following 3 materials:

& DESCRIPTION:

This assessment is limited to the following tested materials Material 1 Trade Name: DecoDeck / DecoMond - DecoDeck / DecoMond

Polyurethane (PU) powder-coat finished aluminium extrusion panel

. Nominal wall thickness of aluminium extrusion panel: 2-mm Nominal thickness of powder-coating: 75-μm to 125-μm

Nominal mass of aluminium extrusion panel: 13.9 kg/m

· Colour: timber (coating)

Material 2 Trade Name: DecoClad / DecoWoo

· Polyurethane (PU) powder-coat finished aluminium extrusion panel

 Nominal wall thickness of aluminium extrusion panel: 2-mm Nominal thickness of powder-coating: 60-µm to 90-µm

· Colour: timber (coating)

Material 3 Trade Name: DecoArt / DecoArt + / DecoPossion

 Aluminium panel with two (2) coats of polyester and polyurethane powder-coating system and Nominal wall thickness of aluminium panel: 2-mn

. Nominal dry film thickness (DFT) of surface coating: 125-um to 156-un

Colour: white marble pattern

BCA 2015 Volume 1. Clause C1.12 (e) states "The following materials: though combustible or cont

combustible fibres, may be used wherever a non-combustible material is required (e) Pre-finished metal sheeting having a combustible surface finish not exceeding 1 mm thickness and wi the Spread-of-Flame Index for the product is not greater than 0. ..."

All three materials listed above have a combustible surface finish not exceeding 1 mm thickness and achie a Spread-of-Flame Index of 0 when tested to AS/NZS 1530 3:1999. On this basis it is concluded that these materials comply with the requirements of BCA 2015 Volume 1, Clause C1.12 (e) and may be used wherever a

non-combustible material is required by the BCA. his certificate is provided for general information only and does not comply with regulatory requirements for evidence of lance. Refer to original CSIRO reports

Issued on the 12th day of August 2015 without alterations or additions







Make your selection or specification for Decorative Imaging products and finishes in 4 easy steps. For products not supplied by Decorative Imaging (eg windows and doors), please start the selection process from Step 2 - Select your Range.

#### 1 - SELECT YOUR PRODUCT 2 - SELECT YOUR RANGE

#### 3 - SELECT YOUR FINISH

#### 4 - SELECT YOUR COLOUR

- DecoBlade (nominate your size)
- DecoBatten (nominate size and type)
- DecoClad Shadowline
- DecoClad V Groove
- DecoPanel (nominate perforation and size)
- DecoDeck (nominate 94mm or 134mm board)
- DecoSlat (nominate your size)
- DecoShape (nominate shape and size)
- DecoSign
- DecoSplash



- Natural (textured polyester)
- Smooth (gloss polyurethane)
- Slip Resistant Polyurethane
- Bendable Polyurethane

Choose a woodgrain from the range of 20 DecoWood colours, or select your own custom DecoWood woodgrain.



- Smooth (gloss polyurethane)
- Satin (semi-gloss polyurethane)
- Matt Polyurethane
- Anti Bacterial Polyurethane
- Bendable Polyurethane

Choose a marble or granite finish from the DecoRoccia range.



- Smooth (gloss polyurethane)
- Satin (semi-gloss polyurethane)
- Matt Polyurethane
- Anti Bacterial Polyurethane
- Bendable Polyurethane

Choose a catalogue design from the DecoSplash catalogue or choose your own custom image or photograph.

Examples of selection or specification

- 1. DecoClad Shadowline, DecoWood Super Durable, Natural, Casuarina.
- 2. DecoDeck, DecoWood Super Durable, Slip Resistant Polyurethane, Silky Oak.
- 3. (Manufacturer name and product name) Windows and Doors, DecoWood Super Durable, Natural, Western Red Cedar.
- 4. DecoSplash, DecoArt Super Durable, Smooth Polyurethane, New York image.

Note: Please consult our friendly and professional staff for information regarding accessories and installation details

### **AUSTRALIAN NATIVE SPECIES**



### **EXOTIC TIMBER SPECIES**



### CONTEMPORARY TIMBER FINISHES



## DECORATIVE IMAGING PARTNERS





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Laser cutting, sheet perforation, injection moulding, fabrication and machining components



Qualicoat approved supplier of sublimation powders and films



Australian made aluminium supplier and DecoWood distributor



DecoSplash aluminium splashbacks distributor



DecoArt and DecoSign sublimation printing



Licensed Qualicoat applicator of sublimation powder base coatings



DecoPanel acoustic panels partner and supplier of acoustic performance materials



