





A DURABLE PAINTED FINISH APPLIED ELECTROSTATICALLY TO ALUMINIUM EXTRUSION & THEN CURED WITH HEAT TO FORM A COLOURED “SKIN”

DISCLAIMER

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Choosing a colour for your aluminium extrusions requires careful thought. **SELECT** aluminium extrusions are all made to order so you have the freedom to choose the ideal colour for your project. But there is more to selecting a powder coat finish for your aluminium joinery than meets the eye, in addition to selecting the ideal colour you must also select a finish grade appropriate for the nature of the building and appropriate for the site environment.



POWDER COAT ALUMINIUM FINISHING

COLOUR SELECTION

Choosing a colour for your extrusion requires careful thought. All Select extrusions are made to order so you have complete freedom to choose the perfect colour and finish for your project.



STANDARD COLOURS

Pearl White
Gloss 1004

APO Grey
Satin 1001

Primrose
Gloss 1005

Anotec Natural Pearl
Matt 1009

Stone Beige
Matt 1006

Woodland Grey
Matt 1008

Paperbark
Matt 1012

Monument
Matt 1011

Dune
Matt 1010

Custom Black
Matt 1002

SELECTED PEARLS

Citi
Pearl Matt 3002

Silver Medallist
Pearl Satin 3005

Ultra Silver
Pearl Gloss 3006

Stormfront
Pearl Matt 3004

Precious Silver Pearl Kinetic
Pearl Satin 3007

Charcoal Metallic
Gloss 3001

Important Note: Finishes shown on these pages are a guide only and are not accurate representations of actual powder coat finishes. Please request powder coat swatches for colour matching.

POWDER COAT ALUMINIUM FINISHING

COLOUR SELECTION

POPULAR COLOURS

| | | | |
|---|----------------------------|--|------------------------------------|
|  | Silver Grey Matt 2021 |  | Rivergum Beige Gloss 2018 |
|  | Notre Dame Gloss 2014 |  | Surfmist® COLOURBOND® Matt 2022 |
|  | Charcoal Satin 2003 |  | Classic Cream Matt 2004 |
|  | Berry Grey Satin 2001 |  | White Birch Gloss 2026 |
|  | Ironstone Matt 2010 |  | Magnolia Gloss 2012 |
|  | Dark Grey Matt 2005 |  | Doeskin Satin 2006 |
|  | Blue Ridge Matt 2002 |  | Sandbank Matt 2019 |
|  | Windspray Matt 2024 |  | Pottery Satin 2017 |
|  | Wilderness Matt 2023 |  | Headland Matt 2013 |
|  | Pale Eucalypt Matt 2015 |  | Manor Red Matt 2013 |
|  | Basalt Matt 2027 |  | Hammersley Brown Satin 2008 |
|  | Jasper Matt 2011 |  | Wallaby Satin 2028 |

POWDER OPTIONS

POWDER GRADES

The powders we use to powder coat our aluminium are supplied by industry leaders Dulux® and Interpon®. Within both the Dulux® and Interpon® range there are number of powder grades suitable for use in varied applications and with varying warranty terms.

DULUX POWDERS



Fluoraset® is a fluoropolymer powder coating designed specifically for applications where colour and gloss retention are critical. Fluoraset® is formulated with an advanced fluoropolymer resin technology and high performance pigments to conform to the AAMA 2605 (specification for superior performing organic coatings) performance standard.

In most cases, Fluoraset® can match other fluoropolymer liquid systems with the advantage of significantly improved mar resistance. Fluoraset® has been developed for use on architectural aluminium, including window and door frames, panel work, sunscreens and other exterior metal features where colour and gloss retention are critical.



Duratec® is a thermosetting TGIC free powder coating designed specifically for architectural applications where colour and gloss retention is critical. Duratec® is formulated with advanced polyester resin technology and high performance pigments to conform to the performance requirements of AAMA 2604.

Duratec® has superior gloss and colour retention compared with standard polyester powder coatings. It has been developed for use on architectural aluminium, including window and door frames, panel work and other exterior metal features on commercial buildings.



Duralloy® is a tough thermosetting powder coating that exhibits decorative and durable characteristics suitable for a broad range of interior and exterior product applications where excellent overall performance is required. Duralloy® has been formulated especially for residential developments equivalent to BCA Volume 2, class 1 and 10 buildings that are up to 3 floors from the ground.

INTERPON POWDERS



Interpon Fluoromax® D3020 is a premium durability architectural product and is the highest grade powder coating available under the Interpon brand. Due to the stringent performance requirements that Interpon D3000 meets the range is available in nearly all matt and selected satin finishes

Interpon D3020 Fluoromax® is a hyper durable architectural powder coating formulated to exceed the performance standard AAMA2605-11.



Interpon Ultrivia D2015 coatings are specially designed for the architectural and construction industry and are recommended for internal and external applications. Available in a wide range of colors and effects, these powders meet the requirements of global "superdurable" standards such as AAM2604-13.



Interpon D1000 is a high durability architectural powder coating developed exclusively for residential applications. Interpon D1000 powder coatings provide high level durability and weathering performance guaranteed for 10 years on all residential applications equivalent to Volume 2 (pertains primarily 1 and 10 buildings) of the BCA 2011.

ENVIRONMENTAL CONSIDERATIONS

Environmental conditions in different site location can vary greatly and this will affect the performance of various powder coat finishes. So it is vital that before specifying a given powder coating, the environmental influences on the project are understood. The resistance of each powder coating to the physical and chemical extremes of these climates determines the most suitable product.

Mild (to Moderate)

- Remote from coastal, heavy industrial or tropical locations
- With very light marine proximity, such as sheltered bays which are well away from coastlines
- Sheltered from marine coastal locations or from industrial fallout

Tropical

- In high humid locations, typically 65% – 100% all year round
- Remote from coastal activity

Severe

- In marine locations, directly in the path of sea spray
- In heavy industrial locations

Extreme

Some environments are so extreme, that the performance of any surface finish may be compromised. For severe environments, whether they are marine and/or industrial, we recommend that you contact SELECT before specifying any powder coating finish, so we can consult with our powder suppliers to ensure the site meets with their service and warranty conditions.



PROJECT CONSIDERATIONS

Project considerations have a significant impact on the specification of powder coating, particularly due to the significant variation in the ability to care for and maintain powdercoated finishes in different building types. Our powder suppliers set minimum requirements for types of powder which can be used on certain classes of buildings to ensure compliance with warranty conditions. The reasoning for this is as follows:

- Residential properties are typically more easy to maintain, given their height and access.
- High-rise projects are less sheltered from neighbouring buildings, raising their exposure and reducing their ease of maintenance.
- Monumental projects attract the most attention and have the highest standards required to uphold the reputation expected from landmark sites.

CARE & MAINTENANCE

The effects of UV-light, pollution, dirt, grime and salt deposits can all accumulate on your powder coated surface over time. To extend the effective life of powder coating and protect any warranty requirements that may exist, a very simple regular maintenance program should be implemented for the removal of any residues. As a general rule, cleaning should take place every six months. However, in areas where pollutants are more prevalent, especially in coastal or industrial regions, a cleaning program should be carried out on a more frequent basis (i.e. every three months).

To clean your powder coated surface:

1. Carefully remove any loose deposits with a wet sponge
2. Use a soft brush (non abrasive) or cloth, and a mild household detergent solution to remove dust, salt and other deposits.
3. Rinse off with fresh water

Detergents that recommend the use of gloves when handling should be avoided as this is a good indication that the detergent is harsh and therefore, unsuitable for cleaning your powder coating.

QUICK REFERENCE GUIDE

The table below is designed to help you understand which powdercoat range to select when specifying powder coat finishes on your aluminium extrusions. This table uses project type and environmental conditions as influences for powder selection to ensure compliance with the terms of powder suppliers warranty conditions.

| Project Type | Environment | Recommended AAMA Standard | Powder Coating Range |
|------------------------------------|--------------------------|---------------------------|---|
| Monumental | Mild, Tropical or Severe | AAMA 2605 | Dulux Fluoraset® Interpon Fluromax® |
| Prestigious Commercial Development | Severe | AAMA 2605 | Fluoraset® Interpon Fluromax® |
| Prestigious Commercial Development | Mild or Tropical | AAMA 2604 | Dulux Duratec®/Electro™ Interpon Ultrivia™ |
| Commercial Development (>3 levels) | Severe | AAMA 2604 | Dulux Duratec®/Electro™ Interpon Ultrivia™ |
| Commercial Development (>3 levels) | Mild or Tropical | AAMA 2604 | Dulux Duratec®/Electro™ Interpon Ultrivia™ |
| Commercial Development (>4 levels) | Mild, Tropical or Severe | AAMA 2604 | Dulux Duratec®/Electro™ Interpon Ultrivia™ |
| Residential (>3 levels) | Severe | AAMA 2604 | Dulux Duratec®/Electro™ Interpon Ultrivia™ |
| Residential (<4 levels) | Mild or Tropical | AAMA 2604 | Dulux Duratec®/Electro™ Interpon Ultrivia™ |
| Residential (<4 levels) | Standard | AAMA 2603 | Dulux Duralloy® Interpon DI1000 |

