



SOLIDAL®

POWDER COATED **SOLIDAL®**
Solid Aluminium
FAÇADE SOLUTIONS



SOLIDAL®
Solid Aluminium



POWDER COATING

SUPERIOR ARCHITECTURAL GRADE ALUMINIUM

The Interpon D2015 Ultriva Collection offers just a taste of the design, color and finish options open to architects, interior designers and specifiers for the decoration of **SOLIDAL®** cladding.

Offering four distinct ranges the collection oscillates from the modern, timeless hues of the Contemporary to natural, industrial and effervescent inspired custom made finishes and tones.

ULTRA DURABLE ARCHITECTURAL POWDER COATING

Providing ultra protection from the elements the range exceeds global weathering standard AAMA2604-13, guaranteeing excellent color retention and high resistance to chalking. Exceptional endurance to environmental stressors including high levels of UV radiation, humidity, heavy pollutants and extreme temperatures are achieved through ultra durable polymer technology engineered to withstand the weathering extremes of Australia and New Zealand.

Available in a wide range of finishes and gloss levels

Ultra durable performance for all exterior and interior architectural projects

Meets global architectural specification AAMA2604-13

Guaranteed up to 20 Years Gold Global Warranty



D2015 ULTRIVA™

UNLIMITED CHOICE OF COLOURS

How to Specify Interpon Powder Coatings

Once you have chosen **SOLIDAL®** with Interpon Powder Coatings, it's important to specify the correct product. We make specifying our cladding products and coatings easy, simply:

1. Nominate 2mm, 3mm or 4mm **SOLIDAL®** 3 Series Marine Grade Alloy' plus **SOLIDAL®** recommended fixing system
2. Nominate the Interpon product, e.g Interpon D2015 Ultriva
3. Nominate the color, finish and product code, e.g. Charcoal Pearl Matt YY237A

Please contact the **SOLIDAL®** Customer Care Team for additional specification support and advice.

Upgrade to Premium Interpon D3020 Fluoromax®

When unparalleled premium performance is a must for your project, Interpon D3020 Fluoromax based on Fluorocarbon technology is the product of choice. Meeting AAMA2605-13 specification Interpon D3020 Fluoromax® offers premium color and gloss retention with superior weathering performance.

A viable cost effective and environmentally conscious alternative to liquid fluorocarbon paints can be achieved without performance compromise.

For more information contact the **SOLIDAL®** customer care Team.

Applied to architectural grade 4mm **SOLIDAL®** and Smartfix® fixing system.

MONUMENT®
MATT YN201A
RGB 62, 59, 56 LRV 8%

CHARCOAL
MATT YL264A
RGB 60, 67, 69 LRV 6%

SABLÉ BASS
MATT YY270A
RGB 91, 92, 84 LRV 11%

ASTEROID PEARL
MATT YY270A
RGB 91, 92, 84 LRV 11%

SABLÉ BRILLIANCE
TEXTURE YY377A
RGB 98, 102, 99 LRV 15%

TITANIUM PEARL
MATT YY263A
RGB 97, 101, 96 LRV 13%

ETERNAL SILVER
SATIN YW100C
RGB 149, 154, 161 LRV 30%

SABLÉ MEDIUM BRONZE
TEXTURE YY366A
RGB 84, 80, 64 LRV 9%

BRONZE PEARL
MATT YY225A
RGB 77, 71, 56 LRV 8%

CHARCOAL PEARL
MATT YY237A
RGB 60, 67, 69 LRV 6%

PRÉCISTM PURE GOLD
MATT YY22BA
RGB 169, 141, 95 LRV 27%

CHAMPAGNE PEARL
MATT YY276A
RGB 178, 180, 172 LRV 41%

Global Warranty

Interpon D architectural powder coatings for both 4mm **SOLIDAL®** and Smartfix® extruded fixing system are performance guaranteed with a full global warranty when applied to aluminium by an Interpon D Approved Applicator.

Interpon D Approved Applicators are assessed and selected on an extensive evaluation process by Akzonobel ensuring the most stringent criteria is met to guarantee the application of powder coatings are in accordance with global industry standards.

Interpon D2015 Ultriva coating features guaranteed 20 Years film performance and 15 Years color retention ensuring your project maintains it's aesthetic and functional value.

Sustainability

Having long recognised the importance of sustainability, **EVERY COLOR IS GREEN** in the Interpon Ultriva range. The entire range of Interpon D architectural powder coatings produce minimal product waste, low emissions and contain no volatile organic compounds (VOC's) or toxic heavy metals.

Solvent free and recyclable, our powder coatings offer an environmentally sustainable and cost effective option to alternatives such as liquid paints.

As a forward thinking cladding solution provider, **SOLIDAL®** are constantly sourcing more sustainable and renewable raw materials and energy resources from our suppliers.

What's more, we are focusing significant R&D efforts on reducing future energy requirements at every stage of the process.

CITI® PEARL
MATT YY245A
RGB 180, 184, 180 LRV 43%

EBONY
MATT YN201A
RGB 49, 54, 51 LRV 4%

PEARL WHITE
MATT YA278A
RGB 249, 255, 255 LRV 89%

SENSATION
GLOSS YF049A
RGB 222, 106, 49 LRV 75%

COPPER PENNY
MATT YY22AA
RGB 143, 98, 68 LRV 18%

SURFMIST
MATT YA236A
RGB 214, 218, 212 LRV 71%

BRILLIANT YELLOW
GLOSS YE087A
RGB 245, 223, 61 LRV 66%

BONDI BLUE
GLOSS YJ046A
RGB 48, 131, 193 LRV 20%

JASPER MATT
MATT YT214A
RGB 104, 98, 89 LRV 15%

LOBSTER
SATIN YG154A
RGB 165, 56, 45 LRV 12%

LYCRA STRIP
GLOSS YK063A
RGB 200, 217, 84 LRV 53%



SOLIDAL® Technical Specifications

	SOLIDAL®	
Panel Thickness (mm)	2mm, 2.5mm, 3mm, 4mm up to 6mm	
Available width (mm)	1240mm, 1500mm, 2000mm	
Length (mm)	7000mm	
	SOLIDAL® DIMPLE & PERFORATED	
Panel Thickness (mm)	3mm, 4mm, 5mm	
Dimpled Percentage	10%, 20%, 40%	
Diameter Options (mm)	15mm, 30mm, 60mm, 120mm, up to 300mm	
Depth of Dimple (mm)	2.5mm (Standard)	
	SOLIDAL® Physical Properties	
	* 3000 Series SOLIDAL®	5000 Series SOLIDAL®
Mechanical Properties		
Brinell Hardness	45	67
Elastic Modulus	70GPa	68GPa 9.9 x 106 psi
Elongation at Break	6.0%	8.0%
Fatigue Strength	68 MPa	110 MPa 15 x 103 psi
Poisson's Ratio	0.33	0.33
Shear Modulus	26 GPa	26 GPa 3.7 x 106 psi
Shear Strength	93 MPa	150 MPa 22 x 103 psi
Tensile Strength: Ultimate	160 MPa	250 MPa 37 x 103 psi
Tensile Strength: Yield (Proof)	125 MPa	190 MPa 28 x 103 psi
Thermal Properties		
Melting Onset (Solidus)	640 °C 1120 °F	610 °C 1120 °F
Specific Heat Capacity	900 J/kg-K 0.22 BTU/lb-°F	900 J/kg-K 0.22 BTU/lb-°F
Thermal Conductivity	180 W/m-K 100 BTU/h-ft-°F	140 W/m-K 80 BTU/h-ft-°F
Thermal Expansion	23µm/m-K	24µm/m-K
Electrical Properties		
Electrical Conductivity: Equal Volume	44% IACS	35% IACS
Electrical Conductivity: Equal Weight (Specific)	140%	120%

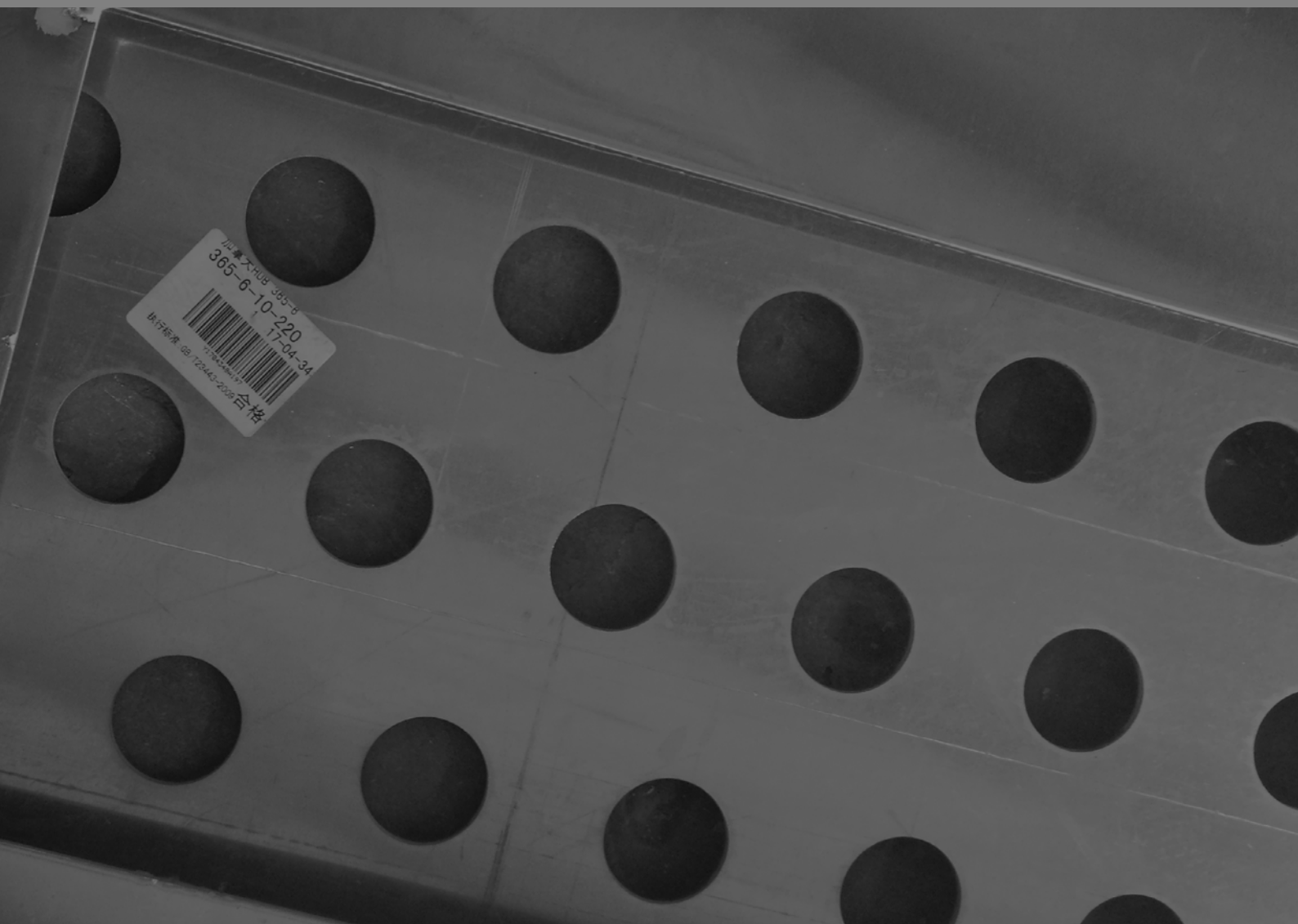
* 3000 Series SOLIDAL® is ideal for Powder coat application

SOLIDAL® ERP

(Enterprise Resource Planning System) tracking.

All **SOLIDAL®** orders will have ERP tracking.
ERP tracking assists in the tracking all panel order schedules.

Assisting both customer and **SOLIDAL®** factory for tracking and monitoring quality production
for complicated and non complicated façade installations.





SOLIDAL®

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reddot design award
honourable mention

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