



Product Range Brochure

Top Coat Solutions For Asset Protection & Finish



Protection you can count on.

Weathermax® HBR

High Build Recoatable Polyurethane

Weathermax® HBR is a high performance coating that exhibits excellent gloss and colour retention during extended service periods in severe industrial and marine environments and in extreme UV exposure.

Common uses include infrastructure, commercial construction and industrial applications.

Weathermax® HBR MIO has been designed with micaceous iron oxide pigment particles interlock in the film to form a barrier against moisture ingress.

Available in two micaceous iron oxide finishes - Natural Grey and Mid Grey.

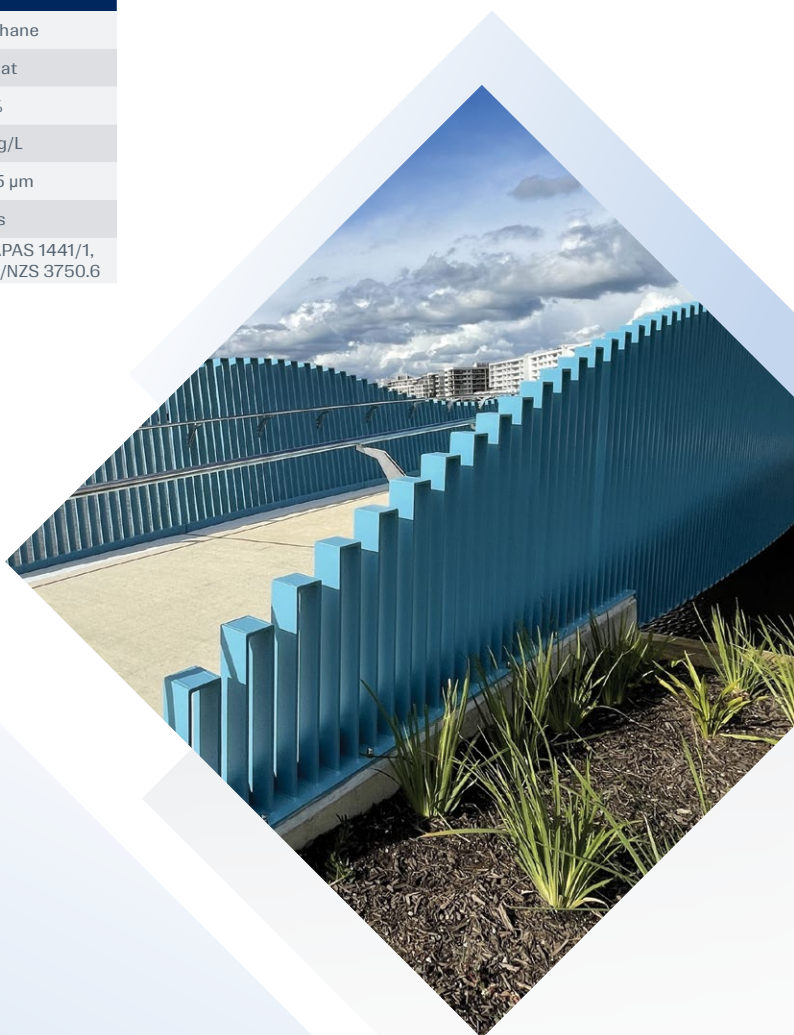


- Available in high gloss
- Substrates include suitably primed steel, aluminium, zinc coated steel, compressed fibre cement sheet, concrete and polyester composites
- Application by brush, roller or spray applied
- Tintable to AS2700 and World of Colours (HBR only)

Benefits:

- High durability and low maintenance
- Easy brush and roll application in situ
- Easy to keep assets free of graffiti
- Maintains asset value
- Can be applied up to 125µm in a single coat

Product overview	Weathermax HBR	Weathermax HBR MIO
Chemistry	Polyurethane	Polyurethane
Product type	Topcoat	Topcoat
Volume solids	70%	66%
VOC level	<280 g/L	<320 g/L
Dry film thickness (min-max)	75 – 125 µm	75 – 125 µm
Pot life	2 hrs	2 hrs
Specifications	APAS 2991/1, APAS 1441/1, APAS 1441/2, AS/NZS 3750.6	APAS 2991/1, APAS 1441/1, APAS 1441/2, AS/NZS 3750.6



Quantum® V92

High Durability, High Performance Fluoropolymer

The long exterior durability of **Quantum® V92** reduces cost for the asset owner by extending the time maintenance is required.



- Available in gloss and satin
- Substrates including suitably primed steel, aluminium, galvanised steel, MDF and concrete
- Application by brush, roller, conventional, airless spray or air assisted spray
- Tintable to AS2700 and World of Colours

Benefits:

- Excellent graffiti resistance
- Based on fluoropolymer chemistry for outstanding durability
- Good chemical and abrasion resistance
- Extended application life

Product overview	Quantum V92
Chemistry	Modified Fluoropolymer
Product type	Topcoat
Volume solids	62% (White base)
VOC level	<335 g/L
Dry film thickness (min-max)	75 - 125 µm
Pot life	2 hrs



Quantum® Si 70

Isocyanate Free Polysiloxane

Quantum® Si 70 is an isocyanate free, high performance coating that exhibits excellent gloss and colour retention during extended service periods in severe industrial and marine environments and in extreme UV exposure.



- Available in gloss
- Substrates include suitably primed steel, aluminium, zinc coated steel and concrete
- Application by brush, roller, conventional, airless spray or air assisted spray
- Tintable to an extensive range of colours using the Dulux® DuColour tinting system

Benefits:

- Excellent exterior weatherability
- Excellent graffiti resistance
- High build, high volume solids
- Isocyanate free

Product overview	Quantum Si 70
Chemistry	Epoxy Polysiloxane
Product type	Topcoat
Volume solids	85% (Light base)
VOC level	<130 g/L
Dry film thickness (min-max)	100 – 200 µm
Pot life	4 hrs



Acrathane® IF

Isocyanate Free Catalysed Acrylic

Acrathane® IF is a isocyanate-free, catalysed acrylic finish for long term durability in both exterior and interior areas. Its isocyanate-free formulation is particularly useful for on-site spray application. It has good gloss and colour retention.

Acrathane® IF Sparkling Aluminium is an isocyanate-free, catalysed acrylic finish with a brilliant sparkling metallic appearance for high visual impact in both exterior and interior areas.

Acrathane® IF Clearcoat Gloss is non-yellowing and crystal clear. Acrathane IF Clearcoat Gloss can also be applied directly to unpainted concrete for a “wet look” that is easy to clean. It can be applied for extended UV protection and graffiti resistance.



- Available in high gloss
- Substrates including suitably primed steel, aluminium, zinc coated steel, concrete, fibreglass or MDF
- Application by conventional, airless spray or air assisted spray
- Tintable to AS2700 and World of Colours (Acrathane IF only)

Benefits:

- Easy to apply - can be sprayed on-site
- Highly resistant to marring or marking
- Easy to keep assets free of graffiti

Product overview	Acrathane IF	Acrathane IF Clearcoat	Acrathane IF Sparkling Aluminium
Chemistry	Catalysed Acrylic	Catalysed Acrylic	Catalysed Acrylic
Product type	Topcoat	Topcoat	Topcoat
Volume solids	43%	41%	45%
VOC level	<520g/L	<520g/L	<520g/L
Dry film thickness (min-max)	50 - 70 µm	50 - 70 µm	50 - 70 µm
Pot life	6 hours	6 hours	6 hours
Specifications	AS/NZS 3750.5	AS/NZS 3750.5 APAS 1441/1 and 1441/3 assessed and confirmed to meet all requirements on specific certified products.	AS/NZS 3750.5



Quantum® 221

Premium Polyurethane Finish

Quantum® 221 provides an ultra premium quality, high gloss finish for commercial applications and is equally suitable for heavy industrial applications such as farm machinery and earth moving equipment.



- Available in high gloss
- Substrates including suitably primed steel, aluminium, galvanised steel, MDF, concrete or fibreglass
- Application by brush, roller, conventional, airless spray or air assisted spray
- Tintable to AS2700 and World of Colours

Benefits:

- Outstanding weathering and chemical resistance
- Excellent graffiti resistance
- Excellent application properties
- Withstands high UV radiation

Product overview	Quantum 221
Chemistry	Acrylic Polyurethane
Product type	Topcoat
Volume solids	52.9% (White base)
VOC level	<432 g/L
Dry film thickness (min-max)	40 - 60 µm
Pot life	2 hrs



Recoatable Metallic Polyurethane Finish

Quantum® FX provides a premium quality, high gloss metallic finish for commercial applications. Designed for areas requiring high visual impact.

Quantum® Clearcoat is crystal clear and has been designed for superior weathering and gloss retention even in areas of extreme UV radiation and provides excellent graffiti resistance.



- Available in high gloss as both fine and coarse metallic
- Substrates including suitably primed steel, aluminium, MDF, galvanised steel, concrete, compressed fibre cement or fibreglass
- Application by conventional spray and HVLP spray
- Tintable to 60 metallic colours

Benefits:

- Outstanding weathering and chemical resistance with Quantum Clearcoat
- Excellent application properties by spray
- Excellent graffiti resistance when used with Quantum Clearcoat

Product overview	Quantum FX	Quantum Clearcoat
Chemistry	Acrylic Polyurethane	Acrylic Polyurethane
Product type	Topcoat	Topcoat
Volume solids	45% (Fine bright base)	43%
VOC level	<470 g/L	<510 g/L
Dry film thickness (min-max)	35 - 70 µm	35 - 55 µm
Pot life	2 hrs	2 hrs



High Quality Finish Polyurethane

Formulated for commercial, industrial applications where extended service periods are required, the Luxathane® range offers excellent spray application to achieve a high quality finish. Luxathane® is a high performance acrylic polyurethane, tintable in over 5,000 colours with long term recoatability.

Luxathane® HPX offers a high gloss finish.

Luxathane® MPX offers a matt finish.

Luxathane® SPX offers a smooth satin finish.



- Substrates including suitably primed steel, aluminium, zinc coated steel, concrete, fibreglass or MDF
- Application by brush, roller or spray applied
- Tintable to AS2700 and World of Colours

Benefits:

- Very good drying and recoat properties
- Long term recoatability
- Very good UV resistance and gloss retention

Product overview	Luxathane HPX	Luxathane MPX	Luxathane SPX
Chemistry	Acrylic Polyurethane	Acrylic Polyurethane	Acrylic Polyurethane
Product type	Topcoat	Topcoat	Topcoat
Volume solids	56%	47%	52%
VOC level	<410 g/L	<540 g/L	<430 g/L
Dry film thickness (min-max)	50 - 70 µm	50 - 70 µm	50 - 70 µm
Pot life	4 hrs	5 hrs	5 hrs
Specifications	AS/NZS 3750.5		AS/NZS 3750.5



Luxathane® DTM

Direct To Metal Application

Luxathane® DTM is a two component acrylic polyurethane formulated with zinc phosphate rust inhibitive pigment, suitable for direct application to abrasive blast or power tool cleaned steel.



- Available in gloss
- Substrates include brasive blast cleaned, hand cleaned or power tool cleaned steel
- Tintable to AS2700 and World of Colours
- Application by conventional, HVLP, airless spray or air assisted spray

Benefits:

- Good drying and recoat properties
- Contains corrosion inhibiting pigment zinc phosphate
- Very good UV resistance and gloss retention

Product overview	Luxathane DTM
Chemistry	Acrylic Polyurethane
Product type	Topcoat
Volume solids	55% (White base)
VOC level	<430 g/L
Dry film thickness (min-max)	60 - 90 µm
Pot life	5 hrs



Duration® T74

Waterborne Polyurethane

Duration® T74 is a waterborne polyurethane topcoat that demonstrates excellent UV resistance and gloss retention.

Duration T74 is low VOC and low odour compared with solvent borne polyurethane topcoats.



- Available in gloss and satin
- Substrates including suitably primed steel, aluminium, zinc coated steel, MDF and concrete
- Application by brush, roller, conventional or airless spray
- Tintable to AS2700 and World of Colours

Benefits:

- Excellent UV resistance and gloss protection
- Short recoat time - 3hrs at 25°C
- Low VOC and low odour compared to equivalent solvent borne systems

Product overview	Duration T74
Chemistry	Waterborne Polyurethane
Product type	Topcoat
Volume solids	47% (Vivid white)
VOC level	98 g/L
Dry film thickness (min-max)	50 - 75 µm
Pot life	1.5 hrs



Duration® T80

Waterborne Fluoropolymer

Duration® T80 is premium, waterborne fluoronated polymer finish that demonstrates excellent gloss and colour retention. It is designed for applications where extended service periods are required.

This product is selected when low VOC is required.



- Available in gloss and satin
- Substrates including suitably primed steel, aluminium, zinc coated steel, MDF and concrete
- Application by brush, roller, conventional or airless spray
- Tintable to AS2700 and World of Colours

Benefits:

- Excellent UV resistance and gloss protection
- Short recoat time when applying wet on wet
- Low VOC and low odour compared to equivalent solvent borne systems

Product overview	Duration T74
Chemistry	Waterborne Fluoropolymer
Product type	Topcoat
Volume solids	>30% (Gloss, Vivid white)
VOC level	<52 g/L (Gloss, Vivid white), <39 g/L (Satin, Vivid white)
Dry film thickness (min-max)	50 - 75 µm
Pot life	1 hrs
Specifications	APAS 1441/1 and 1441/2





CAPABILITY

Dulux® Protective Coatings specialises in the development, manufacturing, and supply of market leading, heavy-duty coatings throughout Australia and New Zealand.

With our unwavering commitment to excellence, we have earned the trust of countless customers in delivering high-performance solutions for their coating needs.

Our comprehensive product portfolio offers a wide array of coatings suitable for steel and concrete flooring applications and heavy machinery and equipment in commercial and industrial settings.

Specifically designed to endure Australia's harsh and diverse environmental conditions, our coatings deliver long-term protection for a wide range of substrates. They effectively combat deterioration, corrosion, chemical attack, and abrasion, proving their resilience against severe to mildly corrosive chemical, and hot, dry inland environments.

Through the utilisation of world-class technologies, combined with our strong local market presence, extensive experience, and technical expertise, Dulux Protective Coatings stands at the forefront of the industry.

We collaborate with our clients to provide custom, long-lasting and sustainable solutions for protecting new and existing buildings, infrastructure, facilities, and heavy industrial machinery and equipment.

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* Dulux, Acrathane, Duration, Luxathane, Quantum and Weathermax are registered trade marks of DuluxGroup (Australia) Pty Ltd

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