

COLOURTHANE

Colourthane C-Series Metal Coatings Guide





Colourthane C-Series is an ultra-premium quality, two-component, acrylic polyurethane system. Designed specifically to deliver outstanding gloss and flow properties, Colourthane C-Series combines ease of application with superior durability, gloss retention and chemical resistance.

Colourthane C-Series delivers excellent colour reproduction through an intermix tinting system. Colourthane tinters provide the flexibility to match virtually any colour including fleet, agricultural, metallics, RAL and Australian standards. To date, over 3000 colours are available in the Colourthane range with new colours added regularly.

Colourthane C-Series is the ideal choice for interior and exterior industrial applications where a tough, high gloss finish is required. Colourthane C-Series delivers a durable finish to agricultural and heavy machinery, industrial vehicles, horse floats, trailers, trains and countless other industrial metal applications.

Wattyl's dedicated team of industrial specialists are available to assist you in choosing the correct coating system for your next project. To contact your local industrial specialist, call Wattyl on 132 101 (Australia), 0800 735 551 (New Zealand).

Product Guide

Colourthane C-Series Topcoat

- Outstanding colour and gloss retention
- Tough, flexible and resistant to abrasion
- Excellent resistance to atmospheric exposure
- Unlimited recoatability
- Extensive colour range and colour accuracy in solid colours and metallics through intermix tinting system
- Also available in high opacity white and jet black

Colourthane C-Series Clear Topcoat

- Extends system life by further improving UV protection
- Enhances protection to solid colours and metallic finishes
- Increases depth of colour primarily for metallic finishes

Colourthane C-Series Curing Agents

- Curing agent (Part B) for topcoat
- Available in both fast and standard curing rates
- Delivers high gloss, excellent depth of image and gloss retention
- Fast Part B is ideal for spot and panel repairs at lower temperatures. Standard Part B is ideal for complete spray jobs and repairs at higher temperatures.

Colourthane Reducers

- Available in fast, standard, slow and extra slow (Thinner L748) solvency rates
- Ensures an excellent finish when the correct reducer / curing agent combination is utilised for the required ambient conditions and project type
- Slower solvency rates are ideal for maintaining a wet edge when painting large items

Tough and Durable

Colourthane C-Series provides excellent resistance to atmospheric exposure. Improved protection against corrosion, combined with a UV shield, ensures that your equipment remains protected against even the toughest environmental and working conditions.

Gloss and Colour Retention

Colourthane C-Series retains an excellent gloss finish, eliminating the need for constant upkeep and ensuring your equipment continues to look good. Colourthane C-Series offers a range of bright colours and metallics allowing you to create a look that suits your requirements. Additionally, the intermix tinting system delivers accurate colour reproduction, ensuring an exact colour match for every request.



Colourthane PF330 Primer Filler

- High build, fast drying two-pack polyurethane primer filler
- Excellent sanding properties
- Excellent corrosion protection for steel
- Suitable as a filler on non-ferrous substrates after application of Super Etch Primer
- Suitable for wet on wet application

Colourthane NS300 Non-Sanding Primer

- Medium build two-pack primer
- No sanding required before topcoat application (topcoated same day)
- Fills minor surface imperfections
- Excellent flow and adhesion
- Excellent topcoat holdout
- Fast finishing, wet on wet application
- Compatible with most previous coating types
- Isocyanate free

Epinamel PR250 Epoxy Primer

- A two-pack, high build epoxy primer
- Superior adhesion to steel, aluminium and galvanising
- Excellent corrosion protection
- Available with standard and low temperature hardeners

Epinamel UC230 Epoxy Primer

- A two-pack white epoxy primer
- Excellent sanding properties
- Excellent abrasion and impact resistance
- Excellent adhesion to non-ferrous metals and fibreglass

Super Etch Primer

- A premium quality, single pack, epoxy etch primer
- Excellent adhesion and protection to all common metals
- Also suitable for application to fibreglass and selected automotive plastics

Flexibility

The Colourthane C-Series system offers a variety of hardeners, reducers and primers allowing you to customise the product combination for any job. Colourthane C-Series can be applied under a wide variety of ambient conditions and working environments.

Quality finish

The superior gloss and flow properties of Colourthane C-Series will deliver a highly reflective, premium quality finish to any industrial application.



Systems Guide

Project Type	Pre-treatment	Surface Preparation	System
MILD STEEL			
Heavy industrial applications- <i>Heavy duty system for highly corrosive exposure environments</i>	Degrease the surface using a biodegradable degreasing solution as per AS1627.1 to remove all surface contamination including grease and oil.	Abrasive blast all surfaces to a minimum of Sa2.5 as per AS1627.4 (visual standard AS1626.9) to achieve a surface profile of 40-70 microns.	Coat 1: Epinamel PR250 150 microns Coat 2: Colourthane PF330 Primer Filler 150 microns (3 coats at 50 microns) or Epinamel UC230 125 microns Coat 3: Colourthane C-Series Topcoat 75 microns (3 coats at 25 microns)
Industrial equipment applications- <i>Durable system for heavy machinery including earth moving equipment, cement mixers, excavators, mining equipment</i>	Degrease the surface using a biodegradable degreasing solution as per AS1627.1 to remove all surface contamination including grease and oil.	Mechanically abrade the entire surface using P80-180 grit paper/disc. Remove all surface preparation residue.	Coat 1: Colourthane PF330 Primer Filler 150 microns (3 coats at 50 microns) Coat 2: Colourthane C-Series Topcoat 75 microns (3 coats at 25 microns)
Light industrial applications- <i>Fast finishing wet on wet system for ute flat bed trays, horse floats etc.</i>	Degrease the surface using a biodegradable degreasing solution as per AS1627.1 to remove all surface contamination including grease and oil.	Mechanically abrade the entire surface using P180 -280 grit paper/disc. Remove all surface preparation residue.	Coat 1: Colourthane NS300 Non-Sanding Primer 50 microns (2 coats at 25 microns) Coat 2: Colourthane C-Series Topcoat 75 microns (3 coats at 25 microns)
ALUMINIUM AND GALVANISED IRON			
Heavy industrial applications- <i>Heavy duty system for highly corrosive exposure environments</i>	Degrease the surface using a biodegradable degreasing solution as per AS1627.1 to remove all surface contamination including grease and oil.	Mechanically abrade the entire surface using P80-180 grit paper/disc. Remove all surface preparation residue. (Avoid excessive removal of zinc during surface preparation.)	Coat 1: Epinamel UC230 75 microns Coat 2: Colourthane PF330 Primer Filler 150 microns (3 coats at 50 microns) or Epinamel UC230 125 microns Coat 3: Colourthane C-Series Topcoat 75 microns (3 coats at 25 microns)
Industrial equipment applications- <i>Durable system for heavy machinery including earth moving equipment, cement mixers, excavators, mining equipment</i>	Degrease the surface using a biodegradable degreasing solution as per AS1627.1 to remove all surface contamination including grease and oil.	Mechanically abrade the entire surface using P80-180 grit paper/disc. Remove all surface preparation residue. (Avoid excessive removal of zinc during surface preparation.)	Coat 1: Epinamel PR250 125 microns or Epinamel UC230 125 microns Coat 2: Colourthane C-Series Topcoat 75 microns (3 coats at 25 microns)
Light industrial applications- <i>Fast finishing wet on wet system for ute flat bed trays, horse floats etc.</i>	Degrease the surface using a biodegradable degreasing solution as per AS1627.1 to remove all surface contamination including grease and oil.	Mechanically abrade the entire surface using a Scotch-Brite® Pad or P320-400 grit paper/disc. Remove all surface preparation residue. (Avoid excessive removal of zinc during surface preparation.)	Coat 1: Super Etch Primer 20 microns Coat 2: Colourthane C-Series Topcoat 75 microns (3 coats at 25 microns)

Wattyl has an extensive range of additional products and systems available.
For more information contact your local Wattyl Industrial Coatings representative.



Our Commitment

Wattyl is a world-class company, providing innovative, quality products to meet the challenges of Australian and New Zealand industries. We are dedicated to the supply of high performance, cost effective products to improve efficiency and reduce operating costs.

Designed and Made in Australia and New Zealand

Products are designed by Wattyl's team of industrial chemists specifically for Australia and New Zealand's harsh and varied environments. Wattyl's products are manufactured in Australia and New Zealand supporting the local economy.

Our Quality

Wattyl is committed to quality in the design, production and delivery of its products and services, and is accredited with ISO9001:2000, NATA and APAS approvals.

For the latest product or specification information, customer orders or to speak to your local industrial specialist contact Wattyl Customer Service on

Australia	132 101	www.wattyl.com.au
New Zealand	0800 735 551	www.wattyl.co.nz

Always refer to the appropriate technical data sheet and material safety data sheet prior to use and ensure that the product is suitable for your application.

