

PRODUCT SOLUTIONS

Fleet  Shield™

Complete Commercial
Vehicle Refinishing System

Dulux®

**AUTO REFINISH
COATINGS**



Worth doing, worth Dulux®

Overview



Dulux FleetShield™ the complete commercial vehicle refinishing solution.

Designed and formulated especially for commercial vehicles, the FleetShield™ paint range includes tint bases and high quality solid, metallic and pearl tinters – all ideal for modern fleets. A complete range of primers, hardeners and thinners for large vehicles complement the range.

FleetShield™ is an easy to apply, high performance system that delivers excellent coverage. Together with its anti-sag properties it holds onto rivets and edges. Suitable for all types of light and heavy commercial vehicles such as truck trailers, cabs, tankers, vans, garbage vehicles, compactors, cement mixers and industrial equipment.

Choosing FleetShield™ also means you receive the expertise and service ensuring each project is always a success. You'll have people with genuine know-how on your side – savvy, experienced people that share their expertise with you from sales, to the actual coating process, to on-going technical support and monitoring.

We also provide a complete design service if and when you need it. And whether it's adding new vehicle corporate livery or refurbishing and refinishing existing vehicles, everything we do is driven by an unrelenting insistence on quality.

FleetShield™ Colour

Available in wide range of single layer metallic and pearl finishes, allowing the cabin and trailer to match. Dulux provides a colour matching service so any colour required can be achieved. FleetShield™ makes every vehicle surface look great and therefore builds your professional reputation and business.

Superior Colour Durability

All FleetShield™ colours have been developed to deliver outstanding colour durability.

Accelerated Durability Testing on FleetShield™ 2K colours vs competitors



(QUVB, 2000 hours, cycle 4 hours at 60°C, 4 hours condensation at 50°C).



Performance

FleetShield™ is manufactured locally for Australian and New Zealand conditions to provide the confidence that the job will be done right first time every time.

Excellent Stone Chip Resistance

The FleetShield™ system demonstrates superior stone chip resistance, an essential requirement for all fleets.

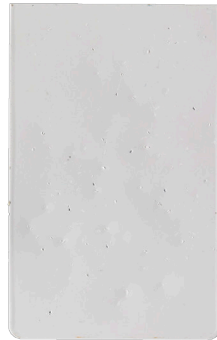
Stone Chip Resistance testing on FleetShield™ 2K white vs competitor.



Ultrabuild White



Competitor A



Competitor B

External lab testing using a gravellometer according to ASTM 3170.



Your exact specs, all across ANZ

Dulux FleetShield™ Blueprints are prepared to ensure that your company image can be maintained to the highest standard every time no matter where you are throughout Australia and New Zealand. The specifications are provided to our approved applicators to ensure the full benefits of the Dulux Refinish systems are obtained.

The Dulux Refinish Blueprint provides a detailed system and process guide specific to customer needs across all Dulux Refinish product platforms.

This includes: substrate preparation, primer and topcoat selection as well as colour and colour management to be used on all your fleet branded vehicles.

FleetShield™ Blueprint is fully backed by the Dulux Commercial Vehicle Sales and Technical teams. Plus, our specialist design service can help optimize your image on every type of vehicle in your fleet.

All it takes is one meeting with your Dulux Account Manager and your tailored Blueprint will be part of the FleetShield™ system. No matter where you are, you'll have the confidence that your FleetShield™ approved applicator is ready to make sure your image is exactly as specified, fast and hassle-free

Product Range

Primers



Fleetshield™ Ultraetch

Dulux FleetShield™ **Ultraetch** Primer is a single pack Etch Primer designed for Commercial Vehicle application. It provides excellent adhesion over a variety of substrates including Mild Steel, Aluminium and Stainless Steel 316.

Ultraetch primer can be topcoated with most 2-pack and single pack topcoats.

Features:

- ✓ Isocyanate free
- ✓ Fast drying
- ✓ Full cure 45 mins at 25°C
- ✓ Easy to use



Fleetshield™ Ultrabuild

Dulux FleetShield™ **Ultrabuild** Epoxy Primer is a two pack epoxy-polyamide primer that has excellent adhesion to metal substrates. **Ultrabuild** has anti-corrosive properties and excellent water resistance.

Ultrabuild may be topcoated without sanding up to 5 days after application of the primer if the temperature is below 20°C. With the use of **Ultrabuild** Part B – HP **Ultrabuild** can be topcoated at 20°C after 30 minutes.

Features:

- ✓ Excellent adhesion
- ✓ Anti-corrosive properties
- ✓ Two hardeners available in Normal and High Productivity



Product Range

Topcoats



Fleetshield™ Topcoat

2K 2:1 and 3:1 Premium 2K polyurethane Topcoat

Dulux FleetShield™ is a premium quality two pack polyurethane finish tintable with high quality solid, metallic and pearl tinters. FleetShield™ 2K topcoat provides a high gloss durable finish.

It can be used for spot repair and full respray. FleetShield™ 2K topcoat has the ability to be mixed at either 2:1 or 3:1 ratios. It can also be flexibilised for curtain coating applications.

Features:

- ✓ Can be mixed at 2:1 and 3:1 ratios
- ✓ Excellent durability
- ✓ Extensive solid colour range
- ✓ Excellent gloss
- ✓ Spray conventional to electrostatic

Clears



Fleetshield™ 2K Clear

Dulux FleetShield™ 2:1 2K Clearcoat is a premium quality two pack clear topcoat designed to deliver high gloss, good durability and good coverage in commercial vehicle applications.

Features:

- ✓ Good coverage
- ✓ Use as a clear coat over FleetShield™ 2K solid & metallic finishes
- ✓ Suitable over rigid surfaces
- ✓ Can be flexibilised for use over bumper and other plastic parts
- ✓ Good durability

Others

The Dulux FleetShield™ system is supported with a range of other Dulux automotive products including, primers, thinners, hardeners, additives, cleaners.

Visit duluxautomotive.com for the full product range or speak to your Dulux Account Manager for more information.



Fleetshield™ Specification Chart

Substrate										
	Steel		Aluminium		Galvanised Steel	Stainless Steel	Fibreglass	Plastic	Existing Coating	
Preparation	Remove Mill Scale		Degrease first with Dulux® Prep Wash, 965-89784						Old	New
	Bare	Media Blast SA 2.5	Bare	Bare	Bare	Bare	Bare	Bare	Sand	Sand
	Sanded	Media Blast SA 2.5	Sanded	Media Blast SA 2.5	Sanded	Media Blast SA 2.5	Sanded			
Surface Clean	Prep Wash		Prep Wash		Prep Wash		Prep Wash	Plastic Cleaner	Prep Wash	Prep Wash

FleetShield™ Primer										
Ultraetch 485-S0040										
Ultrabuild 488-S0057										

Other Dulux Refinish Primers										
2K HS Primer 488-89287										
Plastic Primer 485-89943										
Adhesion Promoter 485-S0015										
1K High Build Primer 485-S0024										
2K Epoxy Primer 488-S0014										

FleetShield™ Topcoat				
Mix Ratio	2 Parts 428-line mixed colour / 1 Part 980-89290 or 980-S0028 or 3 Parts mixed colour / 1 Part Hardener			
Thinner	Up to 20% by volume, 920-89292			
Spray Viscosity DIN 4	2:1 – 22-25 seconds 3:1 – 22–28 seconds			
Gun Set Up Gravity & Suction Feed	Conventional		HVLP	
Fluid Tip	1.2–1.5mm		1.5–1.9mm	
Spraying Pressure	400 kPa / 4 bar		200 kPa / 2 bar	
Pressure Pot				
Fluid Tip	1.2–1.4mm			
Spraying Pressure	70–100KPa			
Application	Apply even coats until opacity is achieved			
Air Flash	5–10 minutes air flash between coats at 25°C			
Drying	Air dry overnight	30 mins @ 60°C (Air temperature)	IR Short Wave 8 mins	Medium Wave 10–15 mins
Coating of Plastic	Refer Application Guide for use of Autospeed Flex Additive, 485-89930			
Health & Safety	Use air fed mask at all times			

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COATINGS**

Contact

Dulux[®] Auto Refinish Coatings customer service team is available for all advice, technical and colour assistance. call: **1800 810 114** or visit: **duluxautomotive.com**

Office

Dulux[®] Auto Refinish Coatings
1–15 Pound Road West
Dandenong South VIC 3175