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PRODUCT INFORMATION SHEET

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2 PACK CVI FINISH

Description

2 Pack CVI Finish is a versatile, high productivity medium solids 2 pack urethane paint that offers a tough and durable coating with excellent gloss. Suitable for use in air dry, low-bake oven, or infrared curing.

Uses

2 Pack CVI Finish is suited for the refinishing and repair of trucks, buses and all transport equipment, and for industrial application whenever a durable, high gloss finish is required. The *2 Pack CVI Finish Tinting System* consists of a range of tinters giving colour formulations including Australian Standard Colours and fleet colours. The range is updated continually as new colours are introduced.

Properties

2 Pack CVI Finish demonstrates the following outstanding characteristics:-

- High initial gloss & gloss retention
- Excellent colour retention
- Excellent hardness & chemical resistance
- Speed of application

Suitable Substrates

2 Pack CVI Finish may be applied over the following substrates and *HiChem* products:-

- *2 Pack High Build Primer/Filler*
- *2 Pack Red Primer*
- *2 Pack Iso- Free Primer- Isolator*
- *2 Pack HS Ezi-Sand Primer Filler*
- *2 Pack Epoxy Primer*
- *Super Etch Primer*
- *1K Primer*
- Degreased and sanded Baked Enamel
- Degreased and sanded 2 Pack
- *Flexi Prime Plastic Primer*
- *Bumper Prime Black*
- *Rapid Prime*

Mixing Ratio

Mix 4 parts by volume of *2 Pack CVI Finish* with 1 part of *2 Pack Express Hardener Overall (2PEXHO)*.

Add *2 Pack Thinner Slow (2PTS)* to viscosity.

Note:

For smaller areas and faster curing use *2 Pack Express Hardener Multipanel (2PEXHM)*.

If temperature exceeds 25⁰C replace *2 Pack Thinner Slow* with *2 Pack Retarder (2KRT)*.

Application

Gravity Feed	1.5–2.0 mm	351–455 kPa	45–60 psi
	For small areas thin up to approx.10% to application viscosity of 20-24 secs through a Ford Cup No. 4 at 20 ⁰ C. For medium to large areas thin up to 30% to application viscosity of 16-18 secs through a Ford Cup No. 4 at 20 ⁰ C.		
Suction Feed	1.6–2.2 mm	351–455 kPa	45–60 psi
	For small areas thin up to approx.10% to application viscosity of 20-24 secs through a Ford Cup No. 4 at 20 ⁰ C. For medium to large areas thin up to 20% to application viscosity of 17-23 secs through a Ford Cup No. 4 at 20 ⁰ C.		

Apply two to three medium to wet coats depending on colour selected to give a dry film thickness of 50-60 micron. Allow to 10 minutes minimum flash off time between coats at 20-25⁰C

Pot Life

After mixing and thinning, *2 Pack CVI Finish* will have a useable life of approximately 6 hours at 20⁰C. Higher temperatures will reduce the useable life considerably.

Coverage

Approximately 9m²/litre when applied in two coats.

Drying Times

(A) Air Dry:-

HiChem 2 Pack CVI Finish will dry at ambient temperatures of 20-25⁰C. Under these conditions the paint film will be:-Dust free at 30-35 minutes, touch dry at 2-3 hours and hard dry at 24 hours.

(B) Oven Bake:-

Flash off for minimum 15 minutes. Oven bake at 60⁰C for 45 minutes.

(C) Infrared:-

Flash off for 15 minutes, IR Bake for 10-15 minutes.

Full cure will be achieved in approximately 7 days at 20-25⁰C.

Clean up

All equipment must be cleaned with *Superglow multipurpose thinner* before the material gels, ie within the pot-life period.

Storage

Store in a cool dry place. Always replace the lid securely after use.

Compounding/Polishing

Defective areas may be compounded lightly and polished after 45 minutes low baking at 60⁰C (allow a 20 minute cool down period) or after 24hrs drying at 20-25⁰C.

Standard Packaging

HiChem 2 Pack CVI Finish:-

4 litre and 20 litre.

HiChem Hardener:-

	<u>Express Hardener Overall</u>	<u>Express Hardener Multipanel</u>
1 Litre	2PEXHO1	2PEXHM1
5 Litre	2PEXHO5	2PEXHM5

HiChem Thinner

	<u>2 Pack Retarder</u>	<u>2 Pack Thinner Slow</u>
1 Litre	2KRT1	2PTS1
4 Litre		2PTS4
20 Litre		2PTS20

The information contained in this bulletin is presented in good faith based on thorough laboratory and field testing but without warranty. As we have no control over the conditions under which these products are used, it is recommended that all products be tested by the end user to ensure the suitability of the product for the particular application and conditions.