



**HiChem Paint Technologies Pty Ltd.**  
 73 Hallam South Road Hallam, Vic 3803  
 Phone (03) 9796 3400 Fax (03) 9796 4500  
 ABN 95 064 139 653



**PRODUCT INFORMATION SHEET**

22-11-10

**2 PACK EXPRESS CLEAR MATT FINISH**

**Description**

*HiChem 2 Pack Express Clear Matt Finish* is a highly durable air dry low gloss clear coating.  
*2 Pack Express Clear Matt Finish* is specially designed for fast application and high productivity work.

**Uses**

*2 Pack Express Clear Matt Finish* is a versatile product suitable for a variety of industries and applications.  
Auto Refinish: Use where a low gloss highly durable clear is required. *2 Pack Express Clear Matt Finish* is formulated for use over *HiChem Basecoat Colours*.  
Sign Industry: Used to seal completed signs. Protects base paint, artwork and lettering against weathering.

**Properties**

- Low Gloss-50%.
- Speed of application and drying.
- Excellent durability
- Excellent protection for surface below.
- Excellent hardness & chemical resistance

**Suitable Substrates**

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

- Aluminum, Steel, -properly prepared, primed and coated with base colour.
- MDF, timber, -properly prepared, primed and coated with base colour
- Plastics, Acrylic Sheeting, Polycarbonate-properly prepared, primed and/or coated with base colour.
- For signage *Acrylic Lacquer* and *Basecoat Colour* are suitable paint bases.
- For automotive respray *Basecoat Colour* is the recommended base paint.
- Vinyl lettering and artwork.

**Mixing:**

Mix **four parts** of *2 Pack Express Clear Matt Finish* and **one part** of the appropriate *2 Pack Express Hardener* as listed:

AREA/REPAIR TYPE	Temp below 20 deg C.	Temp above 20 deg C.
<b>Small areas/repairs</b>	Spot Repair Hardener (2PEXHS)	Multi Panel Hardener (2PEXHM)
<b>Medium areas/Repairs of multiple panels</b>	Multi Panel Hardener (2PEXHM)	Overall Hardener (2PEXHO)
<b>Large area/Full resprays</b>	Overall Hardener (2PEXHO)	Overall Hardener (2PEXHO)

Thinning is not generally required as product is supplied ready for use.  
 However, depending on the temperature, up to 10% of *2 Pack Thinner (2PTN-Normal, 2PTS-Slow or 2PTF-Fast)* may be added to aid and improve the flow and levelling.  
*2K Accelerator* should not be used with this product.

**Note:** Do not spray below 10 Deg C or above 35 Deg C.  
 Due to short pot life, product should be used immediately after mixing.  
 For full automotive re-sprays we recommend the use of *2 Pack Super Clearcoat* and *2 Pack Platinum MS Clear*.

**Application:**

1. May be applied using gravity feed spray gun with a jet size of 1.3 to 1.6mm.
2. Apply two medium coats allowing a flash-off time of 5 minutes between coats
3. Recoat time: If drying time exceeds 30 minutes, do not apply further coats. If re-coating is required, allow to dry for a full 24 hrs at 20<sup>0</sup> C before applying additional coats.

For further information refer to the *HiChem Colour Systems Manual*.

For full re-sprays we recommend the use of 2 *Pack Super Clearcoat* and 2 *Pack Platinum MS Clear* for oven baked applications.

**Drying time**

For Air drying at 20<sup>0</sup>C.

<b>Hardener Used</b>	<b>Flash Time</b>	<b>Dust Free</b>	<b>Tack Free</b>	<b>Hard Dry</b>
<b>Spot Repair Hardener</b>	3 mins	3 mins	10 mins	2 hours
<b>Multi panel Hardener</b>	5 mins	5 mins	15 mins	3 hours
<b>Overall Hardener</b>	10 mins	10 mins	20 mins	4 hours

**Pot Life**

With Spot Repair Hardener at 20<sup>0</sup>C 1-2 hours

With Multi Panel Hardener at 20<sup>0</sup>C 2-3 hours

With Overall Hardener at 20<sup>0</sup>C 3-4 hours

**Coverage**

7.5m<sup>2</sup>/litre when applied at a dry film thickness of 25 microns.

Approximately 9m<sup>2</sup>/litre when applied in two coats.

**Polishing**

Do not polish.

**Clean up**

Use *Superglow Multipurpose Thinners*.

**Storage**

Store in a cool dry place. Always replace the lid securely after use to prevent atmospheric moisture contamination.

**Safety**

See material safety data sheet before opening cans. Contains isocyanates. Requires professional spray booth and air supplied full face respirator.

**Standard Packages and Product Codes**

*2 Pack Express Clear Matt Finish*

*Spot Repair Hardener*

*Multi Panel Hardener*

*Overall Hardener*

**4 litre**

2PEXCM4

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-

**1 litre**

2PEXCM1

2PEXHS1

2PEXHM1

2PEXHO1

**250ml**

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2PEXHS250

2PEXHM250

2PEXHO250

*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.*