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## PRODUCT INFORMATION SHEET

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# BASECOAT COLOUR

### Description

*HiChem Basecoat Colour* is a high quality acrylic polyester resin basecoat for clear over base systems. It has been specifically formulated as an air dry coating for use under HiChem 2 Pack Clearcoats. Once recoated with a HiChem 2 Pack clear it gives a very high gloss finish with superb durability.

*The HiChem Basecoat Colour Tinting System* consists of a range of tinters based on automotive grade pigments. Colour formulations are available for most vehicles and the range is updated continually as new colours are introduced.

### Uses

This system is ideally suited for the refinishing and repair of cars, trucks and buses or wherever a high quality finish is required.

Excellent for use on MDF, Craftwood, particle board, chipboard, hardboard after appropriate surface preparation. Not recommended for use on open grained timbers.

### Properties

*HiChem Basecoat Colour* demonstrates the following outstanding characteristics:-

- Ease of application
- Excellent adhesion to a variety of substrates
- Excellent colour retention
- Wide selection of clearcoats which are suitable.

### Suitable Substrates

*HiChem Basecoat Colour* may be applied over the following substrates:-

- *HiChem 2 Pack High Build Primer-Filler*
- *HiChem 2 Pack HS Ezi-Sand Primer Filler*
- *HiChem 2Pack Red Primer*
- *HiChem Flexi-Prime Plastic Primer*
- *HiChem 2 Pack Epoxy Primer*
- *HiChem 2 Pack Iso-Free Primer Isolator.*
- *HiChem 1K Primer*
- *HiChem 1K Spot Repair Primer*
- *HiChem MBA Adhesion Promoter*

### Surface Preparation

Sand existing paintwork or primer either wet with P600-800 grit or dry with P320-400.

Clean thoroughly with *Prepwash*.

*HiChem MBA Adhesion Promoter* has been specifically formulated for blending *HiChem Basecoat* metallics into existing 2 Pack substrates. See *MBA Adhesion Promoter* Product Information Sheet.

### Thinning

Thin **only** with *HiChem 2 Pack Thinner 2PTN-Normal*. Use the HiChem Measuring Stick (Yellow).

Thin at a rate of 1 part by volume of *Basecoat Colour* to 0.8 parts by volume of *2 Pack Thinner 2PTN-Normal*.

### Application

Application may be carried out using Gravity feed or Suction feed spray guns. Recommended setup-

- Gravity feed: Fluid tip 1.3-1.4 mm.  
Atomising pressure 60psi/420kPa.
- Suction feed: Fluid Tip 1.5-1.7 mm  
Atomising pressure 60psi/420kPa.

Spray light even coats until complete opacity is achieved.

Allow a flash off time between coats of approximately 10-15 mins at 20°C.  
Apply to a total of 15-20 microns dry film thickness.  
Allow flash off time of approx 10-15 mins at 20°C before application of Clearcoats.

*HiChem Basecoat Colour* must be coated with an appropriate clearcoat to obtain the high gloss finish and achieve the required durability.

Clearcoats:

The recommended clearcoats are *HiChem 2 Pack Super Clearcoat (2:1)*, *HiChem 2 Pack Platinum MS Clear*, *HiChem Express Clear(4:1)* and *HiChem 2 Pack Iso-Free Clear(3:1)*.

- *HiChem 2 Pack Super Clearcoat* may be selected where a tough, durable, high solids, high gloss finish with outstanding depth is required. It is designed to be cured by oven drying.
- *HiChem 2 Pack Platinum MS Clear* may be selected where a durable, medium solids, high gloss finish with outstanding depth is required. Use where high productivity and fast through put is required.
- *2 Pack Express Clear* is specially designed for fast application and high productivity spot repair and rectification work.
- *2 Pack Iso-Free Clear* may be selected when a faster air drying, easily compounded and polished 2 Pack clear is needed.

Refer to the relevant Product Information Sheets for application details.

### Drying Times

*HiChem Basecoat* will air dry at ambient temperatures. At 20-25°C the paint film will be-  
Dust Free in 5-10 minutes  
Touch Dry in 10-15 minutes  
Hard Dry in 25-30 minutes

### Coverage

Approximately 10m<sup>2</sup>/litre when applied in 2 coats.

### Clean up

Clean all equipment with *Superglow multipurpose thinner*.

### Storage

Store in a cool dry place. Always replace lid securely after use. Stir tinters regularly. Unopened cans of Base Coat have a shelf life of up to 2 years.

### Health & Safety

Flammable

Avoid contact with skin and eyes. Wear overalls, gloves and goggles. Avoid breathing vapour or spray mist.

Ensure adequate ventilation during use.

See the Material Safety Data Sheet for full details.

### Standard Packaging

#### *HiChem Basecoat Colour tinters*

<u>Product Code</u>	<u>Size</u>
BC(insert tinter no.)1	1 litre
BC(insert tinter no.)4	4 litre

*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.*