

# Auto Metallic

## Basecoat



### DESCRIPTION

Specially formulated to OE standards using specialized Polyester, Amino and Cellulose Ester Resins

### INTENDED USE

A single pack, air drying lacquer of low to medium solids incorporating specialized acid resistant non-leaving aluminium pigments of controlled particle size that is used as the tint-able base paint for achieving most of the automotive metallic colours available in the vehicle market today.

### PRODUCT FEATURES

- Dries rapidly to a tough and flexible finish of excellent adhesion and coverage that is then over-coated with a 2K Clear Coat to provide the desired metallic effect
- Dull, Matt, Full Gloss and metallic once over-coated with 2K clear coat

### PACKAGING

- 1lt & 5lt

### STANDARD COLOUR AVAILABILITY

Various Metallics



### PRODUCT INFORMATION

- **Number of Components:** 1
- **Density:** 0.95 kg/litre
- **Mass Solids:** 20-25%
- **Viscosity:** 90-100 Secs Ford Cup 4
- **Spreading Rate** 10-12m<sup>2</sup>/lt @50µm DFT
- **Coverage** Completely obliterates @ 40-50µm

### SURFACE PREPARATION

- Surface must be primed and sanded/flatted smooth with P600-P800 paper. No sanding sludge, fingerprints, oil, grease or other contaminants should remain on the primed surface
- Use **Speccoats Hydrosolve** to pre-clean substrate surfaces and a tack rag to remove dirt particles



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### APPLICATION

#### Mixing – 1 Component

- This is an air drying product designed for wet on wet application. Thin 40-50% by volume with a suitable Basecoat Thinner to attain a spraying viscosity between 14-18 seconds Ford Cup 4 @ 25°C

#### Application – Equipment & Methods

	Pump Ratio - 30 to 1 Min Nozzle Orifice - 11 to 15 Thou Tip Pressure - 145 Bar Min
	<ul style="list-style-type: none"> <li>Air Assisted Airless</li> <li>Pressure Pot - Pressure Feed Gun</li> <li>Gravity Feed Gun</li> <li>Various Nozzle sets are available to suit the guns</li> <li>Ensure nozzle size is 1.4-1.8mm</li> </ul>

#### Thinning

- Add up to 40-50% with **Speccoats Auto Thinner**

#### Cleaner

- Cleaning is done with **Speccoats SA 65 thinners**

#### Flash Off

- Allow for 5-10 minute flash-off period between coats to avoid sags and runs. May be over coated immediately after flash off with the 2K Clear Coat

### APPLICATION ENVIRONMENT

Level	Surface Temperature	Ambient Temperature	Relative Humidity
Minimum	5°C*	5°C	No lower limit
Maximum	40°C	45°C	85%

\*or 3° above the dew point

### DRYING TIME

Touch dry	Over-coating interval		Dry to handle	Full Cure
	Minimum	Maximum		
5 minutes at 25°C	5 minutes	indefinite	30 minutes	30 minutes

### STORAGE AND HANDLING

**Storage -** Store at temperatures between 5°C and 40°C, away from direct sunlight, open flames or sparks

**Flash Point -** 23°C

**Shelf Life -** Minimum 1 year when packed in original containers

### HEALTH AND SAFETY

- Flammable – keep away from sources of ignition – No smoking!!!
- Adequate ventilation should be provided during use
- Avoid contact with the skin by using gloves, barrier creams and face mask
- If the product comes into contact with the skin, wash immediately with lukewarm water and soap, if the eyes are affected flush with water of diluted boric acid solution and seek medical attention immediately
- Refer to Material Safety Data Sheet (MSDS)

### DISCLAIMER

Whilst we endeavour to ensure that all advice we give about the product is correct, the information given in this data sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so entirely at his own risk. As conditions of use, method of application and suitability of the substrate prior to painting are beyond our control, no guarantee is implied by the recommendations contained herein. We therefore do not accept any liability whatsoever or howsoever arising from the performance of this product or for any loss or damage arising out of the use of this product. The information contained in this sheet is liable to modification from time to time in the light of experience and ongoing product development programmes. It is the user's responsibility to ensure that this sheet is current prior to using the product. **ISSUE DATE 14/01/2011**