

# T & R WILLIAMSON LTD

A DIVISION OF THOMAS HOWSE LTD

## TRANSPEED RANGE

## POLYURETHANE FINISH

CAT NO: 03040

T D NO: 120



By Appointment  
to HM The Queen  
T&R Williamson Ltd  
Manufacturers  
of Coatings and Paints Ripon

## TECHNICAL DATA SHEET

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### PRODUCT FEATURES

Principally intended for application by brush, it can, if required be applied by spray.

### THEORETICAL VOLUME SOLIDS:

50%

### POT LIFE OF MIXTURE:

N/A

### FLASH POINT:

Above 32°C

### VOCs PER LITRE:



On average  
300-400g/litre.  
(Depending on colour.)

2004/42/II B(d)420 The EU limit for this product category IIB(d) in ready to use form is a maximum of 420g/Litre.



### DESCRIPTION

Transpeed Polyurethane finish is a one component product formulated on an air drying urethane modified alkyd. Specially formulated to combine good flow, high opacity and a high-gloss finish.



### SURFACE PREPARATION

**Substrates:** Recommended for use directly over any of the following products:

Transpeed Fleetprime: 116 spray

Transpeed Anti Corrosive Primer: 102 brush or spray

Transpeed Undercoat: 103 brush or spray

Previously painted surfaces in sound condition and suitably prepared

Ensure all surfaces are clean, dry and free from contaminants such as oil grease, silicone etc.

If required, primers and undercoats can be lightly denibbed using P600 grade paper or Scotchbrite.

Tac rag to remove dust before over-coating.

Previously painted surfaces must be abraded with P360 - P400 grade wet or dry or machine sanded using P220 - P320 grade grit discs to provide a matt keyed surface. Finally spirit wipe before painting.

### Preparation:

Ensure all surfaces to be undercoated are clean, dry and free from contaminants such as oil, grease, silicon, etc



### MIXING RATIO\*

This is a one pack product. No mixing Required

\*All pigmented fluid paints have a tendency to settle and separate over a period of time. In order to ensure that the paint is evenly dispersed before use it is essential that the material in the can is thoroughly hand stirred after opening. In difficult circumstances, the use of a mixing machine or mechanical stirrer will be more effective.



### SPRAYING VISCOSITY

|                   |                       |
|-------------------|-----------------------|
| 22 - 25 Seconds * | reduce as necessary * |
| Conventional      | Airless               |

\*In a 4mm Flow Cup. (Spraying viscosity and thinning will depend on ambient conditions, spray equipment used and desired finish.)

## SHELF LIFE

12 months from the date of manufacture, stored in original unopened container at a temperature between 10°C and 25°C

## SPREAD RATE:

Approx. 20 m<sup>2</sup>/litre dependant upon application

## EWC CODE:

08 01 11



## METHODS OF APPLICATION

| Method:                  | Brush       | Conventional Spray                           | HVLP             |
|--------------------------|-------------|--|------------------|
| Thinning:                | N/A         | Up to 5% Thinners SR 25                      |                  |
| Fluid :                  | N/A         | Pressure feed                                |                  |
| Spray Gun Fluid Tip:     | N/A         | 1.4 - 1.8mm                                  | FF 1.4mm         |
| Spray Gun Needle:        | N/A         | FF/EX  | FF               |
| Spray Gun Air Cap:       | N/A         | 30   | 13               |
| Air Pressure at the Gun: | N/A         | 55-60 psi (3.8-4.2 bar)                      | 25 psi (1.7 bar) |
| Pressure at Aircap:      | N/A         | N/A  | 10 psi (0.7 bar) |
| Number of coats:         | 1 full coat | Light coat – full coat to required thickness |                  |



## THINNERS

Thinners SR25



## DRYING TIMES

5-6 hours Touch Dry, 16 hours Hard Dry



## RECOMMENDED FILM THICKNESS

|                    |            |
|--------------------|------------|
| Wet Film Thickness | 50 Microns |
| Dry Film Thickness | 25 Microns |



## CLEANING

Equipment Cleaning using Williamsons SR1 Thinners or Gunwash