

# T & R WILLIAMSON LTD

A DIVISION OF THOMAS HOWSE LTD

## RAIL SPEC TRANSPORT PAINT

### GLOSS FINISH

CAT NO: 81081

T D NO: 200-255



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, the product can, if required, be applied by spray.

### THEORETICAL VOLUME SOLIDS:

45-50% dependant on colour

### POT LIFE OF MIXTURE:

N/A

### FLASH POINT:

Above 32°C

### VOCs PER LITRE:



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

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



### DESCRIPTION

Spec 81 Gloss Finish is a one component air drying high gloss finish based on a unique urethane/silicone modified alkyd. The product has a distinct creamy structure, which gives easy application and excellent brushing properties. The dried film has high initial gloss, good gloss retention, resistance to chalking and dirt shedding properties.



### SURFACE PREPARATION

Refer to the relevant vehicle maintenance painting schedule regarding vehicles previously coated with single component materials from standard CR/TT1081 or BR SPEC 81.

For further information refer to section on painting procedure.



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

## EWC CODE:

08 01 11



## METHODS OF APPLICATION

Method	Brush	Conventional Spray	HVLP
Thinning	Supplied ready for use	Up to 5% SR 25	Up to 5% SR25
Number Of Coats	1 full coat	1 light coat 1 full coat	1 light coat 1 full coat
Spray Gun Fluid Tip	N/A	1.4 – 1.8mm	FF 1.4mm
Fluid Feed	N/A	Pressure	Pressure
Air Cap	N/A	30	153/13
Air Pressure	N/A	55-60 psi / 4 bar	30 psi/ 2 bar gun-10 psi/0.7 bar
Recoat Time	16 hours (handleable in 4 hours at 20°C)		
Intercoat Preparation	If required, this product's durability and colour can be enhanced by overcoating with a clear exterior body varnish such as 81/290.		



## THINNERS

In warm workshops/spray booths use thinners SR36 to extend the wet edge time.



## DRYING TIMES

2 hours Touch Dry, 4 hours Hard Dry



## RECOMMENDED FILM THICKNESS

Wet Film Thickness	50 Microns
Dry Film Thickness	25 Microns



## CLEANING

Equipment Cleaning using Williamsons Gunwash