

# T & R WILLIAMSON LTD

A DIVISION OF THOMAS HOWSE LTD

## RAIL SPEC TRANSPORT PAINT

## ANTI CORROSIVE METAL PRIMER

**CAT NO: 8150381101**

**T D NO: 81.101**



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

## TECHNICAL DATA SHEET

T & R Williamson Ltd, Ripon HG4 1TP

enquiries@trwilliamson.co.uk

T: 01765607711

F: 01765607908

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### PRODUCT FEATURES

Whilst the product has excellent brushing and flow properties, it can also be applied by air or air mix airless spray.

### THEORETICAL VOLUME SOLIDS:

40%

### POT LIFE OF MIXTURE:

N/A

### FLASH POINT:

Above 32°C

### VOCs PER LITRE:



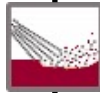
On average  
300-400g/litre.  
(Depending on colour.)

2004/42/IIB(c)540 The EU limit for this product category IIB(c) in ready to use form is a maximum of 540g/Litre.



### DESCRIPTION

Spec 81 is a one component anticorrosive primer formulated on an epoxy ester media, pigmented with no less than 35% zinc phosphate as a rust inhibitor. It is suitable for over coating with white spirit based products.



### 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 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

## EWG CODE:

08 01 11



## METHODS OF APPLICATION

Method	Brush	Conventional Spray	Airless Spray	HVLP
Thinning	N/A	Up to 5% SR 22	N/A	Up to 5% SR22
Number Of Coats	1 full coat	1 or 2 coats	1 full coat	1 or 2 coats
Spray Gun Fluid Tip	N/A	1.4mm	11-13 thou	FF 1.4mm
Fluid Feed	N/A	Suction or pressure	1500-2000 psi/ 105-140 bar	Suction or pressure
Air Cap	N/A	30	N/A	153/13
Air Pressure	N/A	55-60 psi / 4 bar	80-100 psi/ 5-7 bar	30 psi/ 2 bar gun-10 psi/0.7 bar
Recoat Time	16 hours at 20°C			
Intercoat Preparation	Lightly abrade to de-nib the surface and wipe with a tac rag to remove dust etc.			



## THINNERS

SR 22 Cat No:36607SR022



## DRYING TIMES

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## RECOMMENDED FILM THICKNESS

Wet Film Thickness	50 Microns
Dry Film Thickness	25 Microns



## CLEANING

Equipment Cleaning using Williamsons SR22 Thinners/Gunwash

To the best of our belief and knowledge the information given is true and accurate, but as conditions of use and any labour involved are beyond our control, the end user must satisfy himself by prior testing that the product is suitable for his specific application. Furthermore, no responsibility can be accepted or any warranty given by our representatives, agents or distributors. Products are sold subject to our standard conditions of sale and the end user should ensure that he has consulted our latest literature.



ISO 9001:2008  
FM 09513