

T & R WILLIAMSON LTD

A DIVISION OF THOMAS HOWSE LTD

RAIL SPEC TRANSPORT PAINT

MIO BRUSH FINISH

CAT NO: 7009070250

T D NO: 70250



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 Airless Spray.

THEORETICAL VOLUME SOLIDS:

50%

POT LIFE OF MIXTURE:

N/A

FLASH POINT:

Above 32°C

VOCs PER LITRE:



On average
395g/litre.
(Depending on
colour.)

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



DESCRIPTION

High build urethane alkyd pigmented with micaceous iron oxide pigment formulated to protect structural steel. When suitably applied provides a tough abrasion and UV resistant finish offering excellent corrosion protection and weatherability. The product can be used as a finishing coat or incorporated as an intermediate (build) coat in a paint system.



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. 6 m²/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 1	Up to 5% SR 1
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	24 hours (handleable in 12 hours at 20°C)		
Intercoat Preparation	Always ensure surfaces to be coated are clean and dry and test a small area if substrate primer is unknown. If required, this product's durability can be enhanced by overcoating with a suitable top coat.		



THINNERS

In warm workshops/spray booths use thinners SR1 to extend the wet edge time.



DRYING TIMES

30 minutes Touch Dry, 12 hours Hard Dry



RECOMMENDED FILM THICKNESS

Wet Film Thickness	150 Microns
Dry Film Thickness	60 Microns



CLEANING

Equipment Cleaning using Williamsons Gunwash