

T & R WILLIAMSON LTD

A DIVISION OF THOMAS HOWSE LTD

RAIL SPEC TRANSPORT PAINT

MIO BLACK AIRLESS SPRAY

CAT NO: 7008970030

T D NO: 70030



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

Principally intended for application by Airless Spray, the product can, if required, be applied by brush.

THEORETICAL VOLUME SOLIDS:

50%

POT LIFE OF MIXTURE:

N/A

FLASH POINT:

Above 38°C

VOCs PER LITRE:



On average
500g/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 500g/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. 11 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 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	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 SR36 to extend the wet edge time.



DRYING TIMES

2 hours Touch Dry, Recoatable after 16 hours dependent on conditions



RECOMMENDED FILM THICKNESS

Wet Film Thickness	90 Microns
Dry Film Thickness	45 Microns



CLEANING

Equipment Cleaning using Williamsons 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