

T & R WILLIAMSON LTD

A DIVISION OF THOMAS HOWSE LTD

HIGH TEMPERATURE PAINT MATT BLACK/ALUMINIUM

CAT NO: N/A

T D NO: P0027



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

When applying a thinner film, the coating is less susceptible to expansion and contraction.

THEORETICAL VOLUME SOLIDS:

40% dependant on colour

POT LIFE OF MIXTURE:

N/A

FLASH POINT:

Above 32°C

VOCs PER LITRE:



On average
522g/litre.
(Depending on colour.)

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



DESCRIPTION

This paint is based on a silicone polymer providing a tough durable coating, contains MICA, and is heat resistance up to 450°C. The paint film will not degrade below this temperature, however adhesion may be affected by the physical aspect of heating and cooling (expansion and contraction) of the substrate.



SURFACE PREPARATION

Mild steel : Surfaces must be clean, dry and free from dust, grease, oil, millscale, etc.

For best results blast clean to SA2 and coat with a suitable heat resisting primer within 4 hours.



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. 15m²/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 1.8mm
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 4 hours at 20°C)		



THINNERS

Use SR10 Thinner



DRYING TIMES

30 minutes Touch Dry, 3-4 hours Hard Dry, Full cure 3-5 days



RECOMMENDED FILM THICKNESS

Wet Film Thickness	65 Microns
Dry Film Thickness	25 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