

T & R WILLIAMSON LTD

A DIVISION OF THOMAS HOWSE LTD

TRANSPEED RANGE

ANTI-CORROSIVE PRIMER

CAT NO: 03539

T D NO: 102



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

Suitable for overcoating with white spirit based products.

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



DESCRIPTION

Transpeed Anti Corrosive primer is a modified alkyd, one component product pigmented with zinc phosphate rust inhibitor. Whilst the product has excellent brushing properties it can also be conventional and airless spray applied.



SURFACE PREPARATION

New Steel: Thoroughly degrease before abrading mechanically with P150-180 grit discs to remove surface rust and 'key' the surface to improve adhesion. Complex structures may be more effectively cleaned and degreases by detergent pressure washing or steam cleaning. Allow to dry before further preparation or priming.

Old Corroded Steel: Best prepared by grit blasting, which dependant on the finished quality can produce a surface profile in excess of 50 microns. To avoid early spot rusting of exposed primed steel it is essential that the primer is applied to give a dry film thickness of 2 times the blast profile peaks eg.

Peaks	-	50 microns
DFT over peaks	-	100 microns
Total DFT	-	150 microns

Note: Newly grit blasted steel should be primed immediately after completion of blasting or within 4 hours to avoid moisture deposition and flash rusting.



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. 13 m²/litre dependant upon application

EWC CODE:

08 01 11



METHODS OF APPLICATION

Thinning:	For spraying the product may be thinned by the addition of up to 5% thinners SR48
Brush:	Apply 1 full coat @ 75 microns WFT
Conventional Spray:	Suction feed spray gun - 1.4mm fluid tip Air pressure: 4kg/cm ² (55-60 psi) Normal application: 15-20 cms (6-8 inches)
Airless Spray:	Tip size: 0.11" - 0.15 thou Pump pressure: 1500 -2000 psi (Do not thin for airless spray)
HVLP:	Consult Technical Services Department
Recoating Time:	4 hours at 20°C
Intercoat Preparation:	Lightly abrade and denib the surface and tac rag to remove dust.
Note:	The primer can be exposed to weather for a period of 6 months, but after exposure to polluted atmosphere ensure the primer is cleaned and lightly abraded before applying further coatings.



THINNERS

Add up to 5% SR48 Thinners



DRYING TIMES

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RECOMMENDED FILM THICKNESS

Wet Film Thickness	75 Microns
Dry Film Thickness	30 Microns



CLEANING

Equipment Cleaning using Williamsons SR1 Thinners or Gunwash