

T & R WILLIAMSON LTD

A DIVISION OF THOMAS HOWSE LTD

TRANSPPEED TRANSPORT PAINTS

UNDERCOAT

CAT NO: 03110

T D NO: 103



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

Revised: 2021

PRODUCT FEATURES

Excellent performance under harsh service conditions with outstanding chemical resistance.

THEORETICAL VOLUME SOLIDS:

45%

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 Undercoat is a one component product formulated on an air drying modified alkyd. Principally for application by brush, it can, if required, be applied by conventional spray.



SURFACE PREPARATION

New or blast cleaned steel suitably prepared and primed by brush or spray, works primer, etc. Aluminium, zintec, galvanised & GRP - prepare and prime with an adhesion promoter such as Transpeed Etch Primer 101. Old paintwork: in sound condition, should be thoroughly abraded to improve adhesion of the undercoat. Patch repair work - dependant on the substrate metal, prepare and patch prime with the relevant product. Ensure all surfaces to be undercoated are clean, dry and free from contaminants such as oil, grease, silicon, etc.



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. 20m²/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 or more passes to require thickness	1 or more passes to require thickness
Spray Gun Fluid Tip	N/A	1.4 – 1.8mm	FF 1.4mm
Spray Gun Needle	N/A	FF/EX	FF
Air Cap Pressure	N/A	N/A	10 psi / 0.7 bar
Pressure at the Gun	N/A	55-60 psi / 4 bar	25 psi / 1.7 bar



THINNERS

In warm workshops/spray booths use thinners SR36 to extend the wet edge time.



DRYING TIMES

Preferably, overcoat after 16 hours/Overnight. Protect from moisture prior to overcoating.

Intercoat Preparation: Before applying finish coat, lightly abrade with P.600 paper or Scotchbrite to de-nib the surface. Finally, Tac rag to remove dust



RECOMMENDED FILM THICKNESS

Wet Film Thickness	70 Microns
Dry Film Thickness	30 Microns



CLEANING

Equipment Cleaning using Williamsons SR1 Thinners/Gunwash