

T & R WILLIAMSON LTD

A DIVISION OF THOMAS HOWSE LTD

TRANSPPEED TRANSPORT PAINTS ARMOURPLATE

CAT NO: 3614200004



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

Specifically formulated as a high performance coating anti corrosive finish, for the protection of industrial structures.

THEORETICAL VOLUME SOLIDS:

40%

POT LIFE OF MIXTURE:

30 minutes

FLASH POINT:

N/A

VOCs PER LITRE:



On average
17g/litre.
(Depending on
colour.)

2004/42/IIB(d)420 The EU limit for this product category IIB(d) in ready to use form is a maximum of 420g/Litre.



DESCRIPTION

Transpeed Armourplate is a low odour Water-based two pack epoxy MIO/MICA finish. Virtually free of volatile Organic Compounds the product is EPA compliant. Can be used as a one coat finish over suitably prepared substrates, and when fully cured will give an extremely tough and durable finish. Combines the advantages of epoxy resins with the impermeable lamellar pigmentation of MIO/MICA to give enhanced protection against corrosion.



SURFACE PREPARATION

This product can be applied directly to clean, dry, abraded steel. For optimum results and protection we strongly recommend blast cleaning. Aluminium, hardened aluminium, galvanised and zinc coated surfaces must be suitably prepared and etch primed before overcoating.

Blast Cleaning:

Excellent and effective method of surface preparation.

Functions: To remove surface contamination such as rust, millscale etc.

To produce a surface profile of approx 25-50 microns and improve adhesion of the coating to the substrate.



MIXING RATIO

By Volume:

1 Part Base Paint : 2 Parts Hardener
(1.25 litres Base Paint : 2.5 litres of Hardener)

Empty the contents of the base component in to the hardener component. Mix thoroughly for 3-5 minutes, ensuring that a completely homogenous mix is obtained, free from streaks. The use of a heavy duty, slow speed drill and paddle attachment is recommended.



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

24 months from the date of manufacture, stored in original unopened container at a temperature between 10°C and 25°C

SPREAD RATE:

Approx. 20 m²/litre dependant upon application

EWC CODE:

08 01 11



METHODS OF APPLICATION

Method:	Airless Spray	HVLP
Thinning:	N/A	Up to 5% SR 50
Fluid :	N/A	N/A
Spray Gun Fluid Tip:	11-21 thou	1.0-1.8mm
Spray Gun Needle:	N/A	FF
Air Cap:	N/A	13
Pressure at the Gun Inlet:	N/A	25-30 psi
Pressure at Aircap:	N/A	10 psi (0.7 bar)
Number of coats:	1 full coat	1 or more to required film thickness



THINNERS

Clean Water (up to 10%) or SR50 Thinner (up to 5%)



DRYING TIMES

3 hours Touch Dry, 16 hours Hard Dry, Full cure 7 days



RECOMMENDED FILM THICKNESS

Wet Film Thickness	225 Microns
Dry Film Thickness	90 Microns



CLEANING

Equipment Cleaning using Williamsons SR50