



TECHNICAL DATA SHEET

Issue: 1-Jul-15

CLEAR EPOXY 312 (mix 3:1 by volume)

A clear water based two pack epoxy gloss coating designed as a hard wearing finish coat with excellent adhesion and high resistance levels.

FEATURES & BENEFITS

- * Chemical and water resistant
- * Excellent adhesion
- * Gloss finish
- * Very good mark and wear resistance
- * Low yellowing

PERFORMANCE GUIDE & COMPARISON*

Product	Ease of Application	Preparation	Durability	Maintenance
312	Medium	Medium	Medium	Medium

Characteristic	Typical Value
Colour	Clear
Solids (vol. %)	55%
Gloss	80% +
Pack Sizes	Part A – 3 Litres & 7.5 Litres. Part B – 1 Litre & 2.5 Litres. Mix 3 to1 by volume.
Abrasion Resistance	Very Good
Chemical Resistance	Very Good
Solvent Resistance	Very Good

* Performance Guide & Comparison

Description	Evaluation and Meaning
Ease of Application	The level of effort and expenditure to apply the coating, combined with level of expertise. <i>High = very easy to apply; Medium = easy to apply; Low = presents challenges for inexperienced users.</i>
Preparation	The level of effort and expense for preparing the substrate for coating. <i>High = a high level of effort and expertise required for preparation; Medium = modest preparation required; Low = low to no preparation required.</i>
Durability	The expected performance under standard Australian conditions for weathering and temperature variation. <i>High = High level of durability under extreme conditions; Medium = meets or exceeds standard conditions; Low = meets standard conditions, but not expected to endure.</i>
Maintenance	The level of continued coating support, or re-coating to achieve the same level of performance. <i>High = a high level of effort and expenditure in cleaning, or re-coating the system; Medium = a modest level of effort and expenditure for cleaning to keep the coating looking good and performing well; Low = almost no effort to support the coating system after application.</i>



TECHNICAL DATA SHEET

Issue: 1-Jul-15

APPLICATION

Apply two coats by roller. Allow to dry between coats.

Spread-rate:

	Minimum	Maximum	Typical
Theoretical Spread Rate (m ² /L)	5	10	7
Wet Film Thickness (µm)	200	100	150
Dry Film Thickness (µm)	110	55	80

Dry Times**

Substrate Temperature	5 C	10 C	20 C	30 C
Surface Dry (hours)	18	12	9	6
Hard Dry (hours)	36	24	18	12
Recoat Time (hours)	24	18	12	8
Pot Life (minutes)	100	70	50	40

** Drying times are generally related to air circulation, temperature, and film thickness. The figures given above are typical with good ventilation, typical film thickness and single coat application.

SURFACE PREPARATION

It is recommended that surfaces are free from any dirt, grease or other foreign matter and that the surface is dry.

DIRECTION FOR USE

Thoroughly stir contents separately then add Part B to Part A while stirring. Check colour prior to application. Always mix full pack sizes. Check Part B expiry date before. If thinning is required add 5% to 10% water.

CLEAN UP Wash immediately in water.

SAFETY

Provide adequate ventilation and wear protective clothing. Keep away from heat and flame. No smoking. Consult Safety Data Sheet.

Failure to observe these precautions will void all warranties and guarantees for product performance. The manufacturer will take no responsibility for coatings, products, labour, corrective action, or compensation where there is evidence of failure to abide by the manufacturer's directions.

DISCLAIMER

Do not apply this product if there is uncertainty about application or surface preparation. This Product Data Sheet is to be used as a guide only; it is NOT a specification.