



TECHNICAL DATA SHEET

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SureFloor PU (4:1 by volume)

SureFloor PU is a two pack, high performance, aliphatic polyurethane coating designed for interior or exterior use where outstanding resistance to weathering and excellent gloss retention is required.

FEATURES & BENEFITS:

- * Outstanding weather resistance
- * Excellent adhesion & abrasion resistance
- * Very good chemical resistance
- * Very good mark and wear resistance
- * Fast drying
- * Non yellowing

PERFORMANCE GUIDE & COMPARISON*

Product	Ease of Application	Preparation	Durability**	Maintenance**
SFPU	Medium	Medium	High	Low

Characteristic	Typical Value
Colour	Clear
Solids (vol. %)	High
Gloss	High
Pack Sizes	Part A – 3.2 Litres and 16 Litres Part B – 0.8 Litre and 4 Litres. Mix 4 to 1
Abrasion Resistance	Very Good
Chemical Resistance	Excellent
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>



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** The expected lifespan of any coating is dependent on the location, weather and traffic the surface is subjected to. It is advisable to inspect the surface after 3, 6, 12 and 18 months from the initial application date to determine if it requires recoating and or maintenance. In light use areas, protected from adverse weather conditions the coating will last longer.

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)	80	40	60

Dry Times***

Substrate Temperature	5 C	10 C	20 C	30 C
Surface Dry(Minutes)	N/A	120	60	30
Hard Dry (hours)	N/A	24	12	8
Recoat Time (hours)	N/A	12	6	4
Pot Life (minutes)	N/A	90	60	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 clean (free from any dirt, grease or other foreign matter) and dry. Concrete shall be firm, clean and dry, any imperfections must be repaired before application. Prepare the surface by water blasting or grinding to provide the appropriate surface profile for optimum keying. Do not apply to substrates known to suffer from rising damp or having a relative humidity greater than 75%.

DIRECTIONS FOR USE:

Thoroughly stir contents separately then add Part B to Part A while stirring. Check Part B expiry date before. Can be thinned 5% to 10% with xylene if required. All surfaces must be thoroughly dry before applying SureFloor PU. It is best applied with a 8-10mm nap good quality roller. Thoroughly mix all of the Part A and Part B components together before application. Use 300 rpm drill with Jiffy blade or similar. It is best to pour directly out of the mixing can/pail onto the floor and work your way across the room. Sand lightly between coats to remove any defects using 150 grit mesh screen. Use appropriate PPE.

NUMBER OF COATS:

The total build on new surfaces should be achieved using 2 coats at the recommended application rate. It is essential to sand between coats after 24 hours cure for improved inter-coat adhesion. Final cure is achieved after 7 days.

PRIOR TO SERVICE:

Only light foot traffic for the first 2-3 days. Do not place any mats or covering on service until fully cured. Do not wash the surface until fully cured (7 days). Doing so could reduce the gloss level. It is recommended to only use a pH neutral cleaner to maintain the coating.



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SAFETY:

Keep away from heat and flame. No smoking. Provide adequate ventilation and wear protective clothing. Consult the 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 a failure to abide by the manufacturer's directions.

CLEAN UP:

Thinners / Xylene

****This Product Data Sheet is to be used as a guide only; it is NOT a specification****

DISCLAIMER & CUSTOMER RESPONSIBILITY

Industry standards recommend the accurate recording of times and dates, batch numbers, consumption rates and environmental conditions including substrate and air temperatures, humidity levels and dew point readings during both the application and curing processes. Full material warranties cannot be provided unless all the relevant data has been recorded accurately. The technical information and application advice given here is based on the best information available at the time of print. As the information herein is of a general nature, no assumption can be made as to the products suitability for a particular use or application. Field support, where provided, does NOT constitute supervisory responsibility. Suggestions made by Con-Treat either verbally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they are responsible for carrying out procedures appropriate to a specific application. If in doubt contact the Con-Treat technical department for advice.