

# ABRASION RESISTANT PROTECTIVE MEMBRANE

## DECKPRO 80

### DESCRIPTION:

A tough, fast curing, Hybrid Polyurethane coating designed as a trafficable, impact resistant finish providing a long life protective barrier for both internal and exposed situations

### BENEFITS:

DECKPRO 80 as a topcoat is UV resistant - it provides a durable, non-slip, chemical resistant, trafficable finish to roof and deck areas.

### TYPICAL APPLICATIONS:

DECKPRO 80 is typically used as a colour-fast, non-slip surface to Rimseal PU 800 waterproof membrane on exposed car-park decks, plant room floors, roofs, box-gutters, balconies, terraces, etc.

DECKPRO 80 may also be used as a stand-alone durable finish on walkways, steps, ramps, etc., as a functional, decorative, colour-fast protective finish. As a resilient impact resistant flooring finish in gymnasiums, sports centres, laboratories etc.

### TYPICAL PROPERTIES:

Drying Time @ 25°C	2 hours
Shore Hardness	80°A (+/-5)
Tensile Strength (AS1145)	2 MPa
Elongation (AS1145)	350%
UV Resistance (System)	Excellent
Chemical Resistance	Oil, Petrol, Diesel, Acids and Alkalis
Mix Ratio (W/W)	4:1
Pot Life (20°)	30 Minutes

### FEATURES:

- Simple application, easy to use and fast cure
- UV Resistant and foot trafficable
- Quick access for trades
- Permanently flexible - total adhesion
- Immediate Resistance to rain damage
- High chemical resistance
- May be line marked with fast dry paints



### SURFACE PREPARATION:

Surface must be structurally sound, clean, dry and free from, curing agents, oil and grease and other contaminants.

Concrete should be cured for 28 days and have a maximum 5% moisture content.

Repair defective concrete and patch uneven or low areas that may hold water with a Adcrete MSP (multi surface prep.)

Seal all joints, cracks and gaps and form angle fillets to internal corners and penetrations with Rimseal PU Sealant.

### APPLICATION:

First, mix Resin to incorporate non-slip additive, then add Hardener component. Blend carefully with electric mixer.

Mix full 18kg kits if small quantity is needed mix ratio is 4:1 by weight. 4 part A to 1 part B. Use a clean dry container.

Apply in two coats by brush or roller - apply second coat in cross direction to the first to give a uniform finish.

For spraying use a single wet-on-wet spray application.

Do NOT use mixed product once it has become thick and stringy, it must be discarded.

Do NOT add solvent

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### COVERAGE:

DECKPRO 80 As a topcoat in the DECKPRO 800 system - 0.3 kg/m<sup>2</sup> (min 0.15mm DFT).

### PACKAGING:

DECKPRO 80 part A - 3.6 kg cans.  
DECKPRO 80 part B - 14.4 kg cans/pails

### CLEAN UP:

Use Rimseal GP Solvent or methylated spirits before curing. Exercise care when using solvents and review all MSDS before use.

### SHELF LIFE:

Sealed pails have a shelf life of approx. 6 months, but once opened may become solid.

### LIMITATIONS:

When used in combination with other PU based coatings such as DECK PRO 800 and PU170 there is typically a 24hr window to ensure maximum adhesive bond. When using Polybond that the window is reduced to 9 hours. As a multi layer protective finish the following coat should be applied as soon as the primary coat is dry enough to take foot traffic.

### CAUTION:

Store product in a shaded location. Avoid leaving product in exposed situations as may lead to premature curing and reduced shelf life. Keep away from open flame. Preferred application temperature range is between 5°C and 30°C.

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