

### DESCRIPTION

A solvent free, hydrophobic polyurethane adhesive/binder for adhering fixtures/ fittings direct to asphalt or concrete surfaces. Providing long term flexible, water impermeable adhesion link to substrates. An extremely tough highly adhesive bond occurring in 3-4 hours.

### USES & ADVANTAGES

ASHCON AB is a 2K Industrial Polyurethane to aid specialist contractors in the repair & bonding of fixtures to either concrete & asphalt. Designed for adhering concrete bollards, cats eyes & road markers, etc to concrete and asphalt road & pavement surfaces.

### FEATURES

- Solvent free and non-flammable
- Pourable and self levelling application
- Prevents weeds and plant growth through sealed crack
- Water impenetrable after 20 minutes (at 21°C)
- Fast curing
- Phtalate free resins
- Polymer Thixotropic filler additive to aid placement

### COVERAGE

Theoretical Spread Rate (self- level):  
1.6 – 1.8 Kg/m<sup>2</sup>

**Important: Ensure material is well mixed.**

### LIQUID PROPERTIES

	POLYOL	ISOCYANATE
<b>Appearance</b>	Light Grey/ or Black	Light Brown
<b>Viscosity</b>	<b>4,300cPs</b>	<b>70-100cPs</b>
<b>SG</b>	<b>1.06</b>	<b>1.23</b>
<b>MIXED MATERIALS</b>		
<b>Mixing Time</b>	<b>3-4 Minutes with Power Stir</b>	
<b>Working Time</b>	<b>15 - 20 minutes</b>	
<b>Initial Gel</b>	<b>20 minutes (Tack Free 30-40 minutes)</b>	
<b>Cure Time to service</b>	<b>4 – 5 hours (21°C)</b>	
<b>Full Cure</b>	<b>7 Days</b>	

### PACKAGING

13.3kg POLYOL (B) Component plus 5kg MDI (A) Component

### MIX RATIO (By Volume)

3:1 (POLYOL: MDI)

### CURED PROPERTIES

Shore Hardness (No Fill – Liquid Only)	DIN 53505	38-40 D
Shore Hardness With Quartz Agg	DIN 53505	50 D (1:1 Quartz) 65 D (1:2 Quartz)
Tensile Strength	DIN 53455	8-10 N/mm <sup>2</sup>
Elongation (No Fill – Liquid only)	DIN 53455	65% - nil agg 30 % 1:1 by weight added agg
Elongation (with Fill)	DIN 53455	55% (1:1 Quartz) 43% (1:2 Quartz)
Tear propagation	DIN 53515	21 KN/m
Taber Abrasion Resistance	DIN 53754	110-115 mg
Water Vapour Transmission	E96-05 (B)	0.19 g/(m.hr) 4.50 g/(m.24hr)
Water Absorption	AS 3558.1	≤1.00%

### STORAGE AND HANDLING PRECAUTIONS

To prevent ingress of moisture, drums must be kept tightly sealed when not in use.

Recommended storage temp; 20-30 Deg C

Under these conditions this material has a minimum storage stability of 12 month.

### HEALTH & SAFETY ADVICE

Refer to Crest Cormix for individual safety data sheets for individual components of this material. Avoid skin & eye contact. Wear rubber gloves and safety goggles. Hands should be cleaned with cleaner followed by soap & water. Avoid breathing vapors & use with adequate ventilation.

### Important:

**Do not apply ASHCON AB to damp concrete or asphalt. Please refer to Crest Cormix for special instructions for these situations. Ensure adhesion linking/ placing occurs before ASHCON AB gels (10- 15 minutes maximum)**

Manufactured in Australia by;



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### IMPORTANT NOTICE

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