

DESCRIPTION

A solvent free, hydrophobic binder/sealer designed to protect cracks and joints in asphalt & concrete. ASP1000 protects from water ingress by penetrating and sealing, replacing lost bitumen and stone, forming a tough semi flexible sealant withstanding ponding water and vehicular traffic. Available as either a binder/sealer or combined with various aggregates, either dispersed in product for void filling, or broadcast for non-skid (accident abatement) applications over asphalt & concrete surfaces. Can be used for sealing Expansion Joints.

USES & ADVANTAGES / FEATURES

ASP1000 is a 2K Industrial Polyurethane to aid specialist contractors in the fast repair of asphalt or concrete roads and pavements. Used for sealing cracks, abutments between pavements and utilities, sealing around poles, posts and general penetrations in asphalt & concrete surfaces.

- Solvent free and non-flammable
- Pour-able and self leveling application
- Applied with rubber squeegee
- Addition of aggregate provides for fill and repair
- Penetrates and fills depth of crack
- Prevents weed growth through sealed cracks
- Phthalate free resins
- Water impenetrable after 40 minutes

COVERAGE

Theoretical Spread Rate (self- level):

1.6 – 1.8 Kg/m²

Important:

Ensure ASP1000 is well mixed before use!

LIQUID PROPERTIES

	POLYOL	ISOCYANATE
Appearance	BLACK/or GREY	Light Brown
Viscosity	4,300cPs	70-100cPs
SG	1.06	1.23
MIXED MATERIALS		
Mixing Time	4 Minutes	
Working Time	20-25 minutes	
Initial Gel	30-40 minutes	
Cure Time to service	3-4 hours (21°C)	
Full Cure	7 Days	

PACKAGING

18.3Kg 2 x Component Kit as sealer/binder (13.3kg POLYOL/ 5 Kg MDI) Volume - 20 Litre Kit

MIX RATIO

3:1 (POLYOL: MDI) by volume.

CURED PROPERTIES

Shore Hardness	DIN 53505	38-40 D
Tensile Strength	DIN 53455	8-10 N/mm ²
Elongation	DIN 53455	≥60%
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 Pty Ltd for ASP1000 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.

QUALITY ASSURANCE

ISO 9001:2015



Manufactured in Australia by;

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