

DESCRIPTION

Solvent- free Hydrophobic MDI Polyurethane 2K binder and trafficable fast cure membrane, designed to protect cracks and joints on asphalt, concrete and steel substrates. ASP1000 protects from water ingress, forming a tough semi flexible sealant withstanding ponding water and vehicular traffic. Available with combined aggregates either dispersed in product for void filling, or broadcast for non-slip applications.

USES & ADVANTAGES

ASP1000 MDI 2K Polyurethane to aid specialist contractors in the fast repair of old asphalt torched roof membranes and all direct to substrate waterproofing applications. Used also for filling sealing cracks, abutments between asphalt pavements and utilities, sealing around poles/posts and general penetrations in asphalt & concrete surfaces.

FEATURES

Solvent free and non-flammable
 Pourable and self levelling application
 Addition of aggregate provides for fill and repair
 Penetrates and fills depth of crack
 Prevents weeds and plant growth through sealed cracks
 Phthalate free resins.
 Water impenetrable after 40 minutes (at 21°C)
 Fast drying (trafficable 3-4 hours @ 21 Deg C)
 Applied with notched squeegee/ or roller.

COVERAGE

Theoretical Spread Rate (self- level):
 1.6 – 1.8 Kg/m² (single coat 2.5-3.0 mm)

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

18Kg 2K Kit as sealer/binder (13kg POLYOL/ 5 Kg MDI)

MIX RATIO

3:1 (POLYOL: MDI)

CURED PROPERTIES

Shore Hardness	DIN 53505	38-40 D
Tensile Strength	DIN 53455	8-10 N/mm ²
Elongation	DIN 53455	≥100%
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;
CREST CORMIX PTY LTD (ABN: 77 617 778 293)

1/111 Lewis Road,
 Knoxfield, Melbourne
 VICTORIA

PH: +61 3 9887 0422 / FAX: +61 3 9887 0477

Email: enquiries@crestcormix.com.au

www.crestcormix.com.au

Important Notice

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