

GENERAL DESCRIPTION

IZO MC-1 is a cold applied medium curing base coat composed of carefully blended bitumen and curing solvents.

SCOPE OF USE

- Bituminous based coat for roads and pavements
- Damproofing coating for foundation

APPLICATION METHOD

IZO MC-1 is applied to asphalt or granular surfaces using truck mounted spray equipment. For damproofing application, it can be applied by brush, roller or spray application.

CLEANING

- **TOOLS:** Clean with petroleum solvents.
- **HANDS:** Use a hand cleaner or solvent followed by soap and water.

HEALTH AND SAFETY

Contains petroleum grads of solvent, flammable, keep away from open fire, spark or other ignition sources were protective cloths, safety shoe, gloves and goggles.

FIRE: Flammable when wet flash point 40°C

SKIN: Avoid repeated or prolonged skin contact if contact occurs remove with hand cleaner that removes oil and grease then clean with soap and water.

EYES: No special precautions required. But if eyes contact cause irritation, flush with clean water.

PACKAGING

Available in 200 Lit, 100 Lit

TECHNICAL CHARACTERISTICS

Properties	Typical values	Tolerance	Test method
Reinforcement	Non-woven Polyester		
Cold flexibility	-2°C		ASTM D 5147
Maximum tensile force (23 ± 2°C) Longitudinal Transversal	600N/5cm (12KN/m) 350N/5cm (7KN/m)	± 20% ± 20%	UEAtc 2001 (ASTM D 5147)
Ultimate elongation Longitudinal Transversal	45% 45%	± 15% ± 15%	ASTM D 5147/UEAtc 2001
Shear resistance of joints Longitudinal Transversal	550N/5cm 350N/5cm	± 20% ± 20%	UEAtc 2001
Tear strength Longitudinal Transversal	300N 200N	± 20% ± 20%	ASTM D 4073
Softening point	150-160°C		ASTM D36
Penetration (@25°C)	15-20dmm		ASTM D5
Compound stability	No flowing, no dripping at 121°C		ASTM D 5147
Puncture resistance To Static load To impact	L15 I20		UEAtc 2001 UEAtc 2001
Resistance to puncture	500N	± 10%	ASTM E 154

Water absorption	<3.2%		ASTM D 5147
Water absorption @ 23±2°C at 24hrs	<1%		ASTM D 5147

DISCLAIMER

While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company's office in your location.

NOTE

The above shown technical data are results obtained in laboratory and extra data can be provided upon request.

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