

EKOFLASH ME500 is a trowel grade, solvent based, cold applied rubberized compound used for sealing joints, roof flashing, counter flashing, patching holes detailing works, patching of cracks and splits in roof and for flashing around chimneys, downspouts, skylights, vent pipes, gutters and valleys, also excellent for sealing cracks in foundations and outside walls. It will not run in hot water or crack in cold water.

IMPORTANT FEATURES

- **EKOFLASH ME500** forms a strong and durable bond.
- Has an excellent expansion and contraction property, withstands the extreme expansion of the high stress areas of the roof such as flashing and/or joints.
- Single component.

USES

- **EKOFLASH ME500** is highly recommended when extreme expansion & contraction occurs where elastic properties are desirable.
- Ideal for roof flashing, detailing works, patching of cracks, splits in roofs, repairs of flashing.
- Seals cracks in concrete walls, floors as well as tile joints.

STANDARD

Complies with ASTM D 4586, (Asbestos free)

APPLICATION

The substrate must be cleaned and free from dirt, dust, oils, grease and loose particles and coating. If applied over dried-out weathered asphalt, first prime with IMI Concrete Primer. Single component does not require any heating or thinning and can be applied by trowel, standard sealant gun or putty knife. Close the container after each application and not suitable for contact with solvents or jet fuel. Clean tools using white spirit or hydrocarbon solvents.

SEALANT THICKNESS: The maximum sealant thickness should be 10mm. it is highly recommended that the application takes place in two- three stages of maximum 5mm each, allowing 24 hours in between, in order to expedite curing and minimize shrinkage cracking.

JOINT DIMENSION: Ideally the dept of the joint should be half of the width, joints bigger than 10mm should be first filled with sand, backer rod, fiber board filler to a depth of 8mm from the surface. Don't use polystyrene or polyurethane backer rod. The backer rod or other filler material is desirable to equalize the compression of the sealant induced by the joint movement and to reduce the thickness of sealant. On traffic bearing surfaces, the sealant should be slightly sanded to prevent sticking.

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PROPERTIES

TYPICAL VALUES

COLOUR	BLACK
DENSITY @ 25°C	1.1 – 1.2 Kg/Ltr.
CONE PENETRATION @ 25°C	220 – 300
NON – VOLATILE CONTENT	70 - 75%
FLASH POINT	50°C
COLD TEMPERATURE PLIABILITY	0°C, No Cracking
ELONGATION @ 25°C	200 %
BITUMEN CONTENT % Wt	40 min
RESISTANCE TO WATER	Good
RESISTANCE TO OILS & SOLVENTS	Poor
RESISTANCE TO CHEMICALS	Conforms
DRY FILM THICKNESS,1 kg/m ²	0.72 mm
DRYING TIME TO TOUCH	12 Hours
RE-COAT TIME, 2 ND COURSE	24 hrs
APPLICATION TEMPERATURE	10°C - 50°C
PACKING	20 Kgs Pail or 200 kgs Steel Drum
DRYING TIME COMPLETE	7 Days
STORAGE LIFE	24 months in un-opened container

COVERAGE RATE:

Coverage will vary depending on dryness and porosity of surface and substrate 2.5 Kg/m² coating is required for 1mm of dry film thickness, for joints depends on width and depth of the joint.

DELIVERY AND SITE HANDLING

EKOFLASH ME500 is supplied in 20 kgs pail and 200 kgs drums, each drum bearing the product name and manufacturing batch code.

HEALTH & SAFETY: The product is flammable and should be stored in a covered and cool place out of direct sunlight. Proper care must be taken when applying the coatings. Wear protective clothing's, gloves and goggles ensure proper ventilation if used in closed areas, keep away from source of ignition, avoid contact with skin, eyes or inhalation. In case of accidental eye contamination, rinse immediately with plenty of water and seek medical advice. Refer to product Material safety Data sheet for detailed information.

The technical data given herein are the average values obtained on the test carried out on the material. The tests are the industry standard for this type of material and comply with the criteria stipulated in ASTM.

IMI reserves the right to change or modify the data without prior notice. All reasonable care has been taken in compiling the data that to best of our knowledge is accurate and true. All recommendations are made in good faith. No responsibility can be accepted by us and no warranty is implied with regards to any of the recommendations made in the datasheet, since the condition of actual use and the labour involved are beyond our control. The products are warranted against manufacturing defects and sold subjected to IMI standard terms and condition of sale.

A liquid waterproofing product

Dependable Waterproofing Solutions



IMPERBIT MEMBRANE INDUSTRIES L.L.C.

P O BOX 33150, DUBAI, U.A.E.

TEL : (+9714) 880 1616

FAX: (+9714) 880 1661

E-MAIL : imperbit@alyousuf.com

FACTORY: KM 3, JEBEL ALI - HATTA HIGHWAY, JEBEL ALI INDUSTRIAL 3.



‡ This technical data sheet supersedes all previous publications pertaining to this product

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