



MAK PREMIX

Instant road repair compound

Description

Mak Premix is an instant road repair compound which is manufactured with a blend of bitumen, aggregates and high grade polymers to ensure immediate bonding with existing surface. Repair of heavily trafficked road and airfield pavements using conventional materials and procedures is difficult, inconvenient to user and generally not very satisfactory. For such locations, ready to use patching materials to up-keep pavement traffic worthy, are essential.

Ready to use Mak Premix have various advantages such as:

- ◆ Quality of mix is consistent
- ◆ Patches are more stable
- ◆ Ready to use patching mix needs very little time for application at site (Environment Friendly)
- ◆ Pavement become traffic worthy soon after application no curing period is needed.
- ◆ Preparation of surface for repairs is minimal.
- ◆ Repair is possible in all adverse climates be it hot, cold, snow or rain.
- ◆ No wastage of materials and the manpower is needed minimum.
- ◆ A very common problem of urban areas is repair of utility cuts in the pavement. These mixes provide quick and efficient repair with least interference with traffic.

Application Procedure

All loose material of potholes are cleaned off with the brushes. Loose edges are to be removed with chisel and hammer. Then mix is filled up with shovels/hand. The loose material is to be leveled, brought to shape then compacted with conventional rammer. The traffic can be opened immediately.

Packing

25 Kg pack

Shelf Life

12 months from the Date of manufacturing.

Technical Data

Sieve Size (mm)	% of Passing (Average)
10.0	95-100
4.75	60-70
2.36	12-15
0.075	2-3

Technical Specifications/Properties - Fine Grade

Discription	Values
Volatile matter content, Max	0.95%
Bitumen Content	6.00 ± 0.5
Stability Time Relationship, Min	35% strength within 30 minutes 70% strength within 24 hours
Effect of water on stripping characteristics Water Sensitivity Loss of stability on immersion in water at 60 °C	ASTM D-1075 Nil
Bonding Strength, kg/cm ²	2.5 ± 0.25
Skid Resistance values using BPT Min Dry Wet	90 70

Effect of Temperature on marshal stability and flow values

Temperature °C	Stability in Kg Min
25	1575
40	600
60	500

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