

Fiberglass Composite Mat

PRODUCT DESCRIPTION

Fiberglass Composite Mat (Reinforced fiberglass paving mat) has a combination structure of Fiberglass Mat + Fiberglass Scrim + Fiberglass Mat. The strong fiberglass mesh embedded into the fiberglass mat is the key to its performance, as reinforced fiberglass paving mat extends the life of pavement overlays through the delay of reflective cracking. The Reinforced Fiberglass Paving Mat provides the highest tensile strength with an elongation lower than 5%, making it a strong, commercially available and full coverage paving mat or fabric.

This product also serves as an effective moisture barrier equal to paving fabrics and mats. The unique, non-woven, fiberglass matrix structure of the Reinforced Fiberglass Paving Mat allows asphalt binder to fully penetrate and fill voids within the fabric, limiting moisture infiltration and preventing water from infiltrating into the granular layers of the pavement structure.

Fiberglass Composite Mat creates innovative solutions to help the paving projects go smoothly and provides superior performance on airport runway, super highway, parking area and business lots.



CHARACTERISTICS

- ◆ Delays reflective cracking
- ◆ Fully Millable and Recyclable
- ◆ Low risk of product shrinkage during the overlay process
- ◆ Provides a Moisture Barrier
- ◆ Easy installation and Less Maintenance

TECHNICAL DATA

| Item No. | Unit | FMF125/500 | FMF140/800 |
|----------------------|---------|--|------------|
| Structure | | Fiberglass Mat +Fiberglass scrim +Fiberglass Mat | |
| Total unit weight | g/m2 | 125±10 | 140±10 |
| Polyester Mat Weight | g/m2 | 40 | 40 |
| Tensile Strength MD | N/5cm | 500 | 800 |
| Tensile Strength CD | N/5cm | 500 | 800 |
| Moisture | % | 0.8 | 0.8 |
| Binder Content | % | 25 | 25 |
| Mesh Open | ends/cm | 2.0x1.0 | 3.0x1.6 |
| MD & CD yarns | tex | 68x136 | 68x136 |
| Width | m | 1 | 1 |
| Roll Diameter | m | 1.18 | 1.18 |
| Core Diameter | mm | 152 | 152 |

Remark: 1. The technical data above is for reference only

2. Special size can also be supplied according to customers' request

PACKING Every roll in plastic film, 44rolls per 40' HQ without pallet

STORAGE

This product should be stored in a dry, ventilated and rainproof place, with temperatures from 5°C to 35°C and humidity between 35% and 65%. It is recommended to be kept in intact package when not used to avoid damp.

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