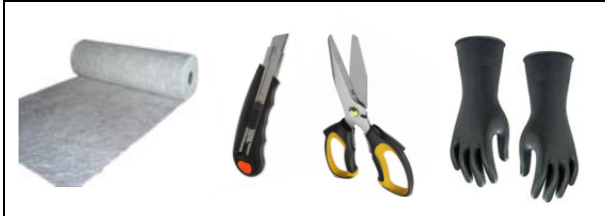


TEKMAT FIELD 450 PRODUCT DATA SHEET



PRODUCT & APPLICATION TOOLS



PRODUCT CODE	ROLL DIMENSIONS	GROSS COVERAGE
1041016-SC	38 in x 103.6 ft (96.5 cm x 31 m)	+/-323 ft ² (+/-30 m ²)

DESCRIPTION

Impermitek's TekMat Field 450 is a proprietary 450g chopped strand mat reinforcement used in Impermitek roofing and waterproofing applications.

TekMat Field 450 reinforcement enhances membrane durability, tear strength, puncture resistance, and crack bridging capabilities.

FEATURES

The TekMat Field 450 can be used with the following systems:

- Impermitek's IR-26 Polymer Resin
- Impermitek's IR-Eco Polymer Resin

STORAGE

When not in use, store mat in a sealed wrap or container to protect from contaminants. Exposure to moisture (rain, condensation, high humidity, etc.), dust, dirt, and debris will compromise the mat and may cause issues during application. Contaminated mats **MUST** be disposed of and replaced with new ones. Before use, inspect the mat to ensure that there are no damaged, defective or wet areas present.

WARNING

Product must remain clean and dry during storage and use.

APPLICATION

Impermitek TekMat Field 450 is embedded within the 1st coat of Resin application. Carefully measure the

roof and assess how many runs of mat are needed, while allowing a 2-in (50mm) overlap on each width of the mat.

Remove the mat from its polythene bag and lay on a clean dry surface. Roll out the required length always working with the roof slope (matting should run perpendicular to the roof slope or be applied bottom up) wherever possible to avoid backwater laps.

Cut with a straight edge and a very sharp razor knife, taking care to protect the roof deck or surface below. Re-roll the cut piece and store in a clean, dry place. Cut all the mat required for the day's work before mixing the resin.

The matting has one straight cut edge and one feathered (torn) edge. When overlapping rolls of mat, a feathered edge should go over a straight edge. The overlap must be 2-in (50mm) minimum.

For full application instructions, please refer to the relevant Impermitek system manual.

TECHNICAL DATA

Property	Value
Mat Weight oz/ft ² (g/m ²)	1.5 (450)
Weight Tolerance (%)	+/- 10%
Moisture Limit (%)	< 20
Size Content (%)	4.4 (1 +/- 31%)
Breakage Strength	>140

SAFETY & HANDLING

Please refer to the relevant Safety Data Sheet (SDS) prior to handling or use. Use materials in strict accordance with published guidelines. Dispose of waste materials in accordance with local, state and federal regulations.

TECHNICAL ASSISTANCE

For further information, please contact Impermitek Technical Services at +1 (780) 906-4600 or technical@impermitek.com. More information can also be found at www.impermitek.com.

Please, refer to Impermitek's installation recommendations, application manuals, and guide specifications for complete information regarding the suitability, application, use, and handling of Impermitek products.