TUFF CSM REINFORCEMENT
TECHNICAL DATA SHEET

Product Specifications

Product	Weight Tolerance (%)	Moisture Limit (%)	Size Content (%)	Breakage Strength (N)
100 GSM	+/- 7.5%	< 20	4.4 (1 +/- 31%)	>80
225 GSM	+/- 7.5%	< 20	4.4 (1 +/- 31%)	>140

Description

Tuff CSM comprises of randomly distributed chopped glass strands that are bound with an emulsion binder. Tuff CSM is the required reinforcement used in Tuff's liquid waterproofing membranes. Tuff CSM is specially designed for compatibility with Tuff's liquid resin systems. Without CSM, these systems do not achieve their full performance and cannot be considered a complete system. Use of other types of reinforcement invalidates the approvals held by the Tuff liquid waterproofing systems, as well as any associated manufacturer guarantee.

Features

- Rapid break-down of the binder when consolidated with resin for exceptionally quick detailing work
- Easy to consolidate (wet-through) for quick lay
- Imparts high mechanical strength into the finished membrane

Storage Recommendations

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 mat MUST be disposed of and replaced with new. Before use, inspect the mat to ensure there are no damaged, defective or wet areas present.

Application

Tuff CSM Matting 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 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 50mm minimum.

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

Safety & Handling

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

Technical Assistance

For further information, please contact Tuff Technical Services on 01977 680250. More information can also be found at www.tuffstuff.co.uk