

PRODUCT DATA SHEET

Sika® Reemat Premium - 225

RANDOMLY ORIENTED CHOPPED STRAND BASED GLASS FIBRE MAT REINFORCEMENT FOR SIKALASTIC® LIQUID APPLIED MEMBRANE SYSTEMS

DESCRIPTION

Sika® Reemat Premium - 225 is a randomly oriented glass fibre mat reinforcement used along with Sikalastic® Liquid Applied Membrane systems for complex roof shapes and detailing. It is made up of chopped glass strands that are bonded together with a specially formulated emulsion binder to form a mat structure which can conform rapidly to highly contoured shapes for detailing applications on a roof. It is a porous and well bonded mat and maintains its integrity during application.

USES

- Reinforcement for Sikalastic® and SikaRoof® MTC Systems
- Reinforcement for SikaRoof® MTC Detailing
- For new construction and refurbishment projects
- For roofs with many details and complex geometry even when accessibility is limited

PRODUCT INFORMATION

| | |
|----------------------------|---|
| Chemical Base | Randomly oriented chopped strand based glass fibre mat |
| Packaging | Roll of 1.04 m x 128 m |
| Appearance / Colour | White |
| Shelf Life | Product does not expire if correctly stored |
| Storage Conditions | The product must be stored properly in original, unopened and undamaged sealed packaging, flat and wrinkle free, in dry conditions at temperatures between +5°C and +35°C and Relative Humidity 35 - 85%. |
| Unit weight | ~30 kg each Roll |
| Mass per Unit Area | 225(±25) g/m ² (ISO 3374) |

CHARACTERISTICS / ADVANTAGES

- Excellent impregnation of Liquid applied membranes
- Easy and quick application
- Easy to adjust to complicated details
- Maintains its integrity during application
- Ensures the correct thickness of the base coat
- Enhances the crack-bridging properties of the system
- Enhances the mechanical properties of the system

APPROVALS / STANDARDS

System component of following ETAG 005 approvals:

- ETA - 09/0139
- ETA - 12/0316
- ETA - 13/0456
- ETA - 14/0177

SYSTEM INFORMATION

System Structure

For detailed information regarding system build-ups, please refer to the System or Product Data Sheets of the Liquid Applied Membranes of Sikalastic® and SikaRoof® MTC Systems

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY

The surface must be sound, of sufficient strength, clean, dry and free of dirt, oil, grease and other contamination. Depending on the material the substrate must be primed or mechanically cleaned. Grinding may be necessary to level the surface.

Suitable substrates are concrete, bituminous felts and coatings, metal, brickwork, asbestos cement, ceramic tiles, wooden substrates.

SUBSTRATE PREPARATION

For detailed information regarding substrate preparation and primer chart please refer to the Method Statement of the corresponding Liquid Applied Membrane System.

APPLICATION

Prior the application of the Sikalastic® the priming coat if used must have cured tack-free. For the Waiting Time / Overcoating please refer to the PDS of the appropriate primer. Damageable areas (handrails etc.) have to be protected with tape or plastic wrapping. Sika® Reemat Premium - 225 is applied in combination with Sikalastic® Liquid Applied Membrane systems.

1. Apply first coat of Sikalastic® Liquid Applied Membrane with a consumption rate according to the PDS of the Liquid Applied Membrane. Work only so far in advance that the material stays liquid.
2. Roll in the Sika® Reemat Premium - 225 and ensure that there are no bubbles or creases. Overlapping of Sika® Reemat Premium - 225 must be minimum 5 cm and ensure overlaps are sufficiently wet to bond.
3. The roller may require only a little extra material to remain wet but no further significant material needs to be added at this stage.
4. After the coat is dry enough to walk on, seal the roof area with second coat of Sikalastic® Liquid Applied Membrane with a consumption rate according to the PDS of the Liquid Applied Membrane.

Please note, always begin with details prior starting with waterproofing the horizontal surface. For details follow step 1–3.

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For detailed application information please refer to the Method Statement of the corresponding Liquid Applied Membrane system.

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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