



REINFORCEMENT FIBERGLASS STRIP AND MESH CORNER SMART 100 PANZER

USAGE:

The SMART 100 reinforcement fiberglass strip is specifically designed for bolstering window corners, making it an integral component in both thermal insulation and in various interior and exterior plasters.

Fiberglass mesh	Mesh size (mm)
SMART 100	4x4

BENEFITS:

Seamless Corner Coverage: The design facilitates impeccable corner coverage, eliminating the need for on-site mesh cutting. This feature ensures both aesthetic appeal and structural integrity.

Crack Prevention: Positioned at critical junctures, the strip plays a pivotal role in preventing the emergence of cracks, ensuring longevity and consistent performance of the plaster or insulation.

Efficiency in Reinforcement: The strip's design enables a considerable reduction in the time taken for the reinforcing process, ensuring quicker project completion without compromising on quality.

Clean Application: Integrated with a protective tape, it promises a mess-free plaster application, ensuring neatness and precision in every use.

Alkali-resistant.

Non-stretchable and tear-resistant.

Complies with ETAG-004 standards and is permitted for use in every facade insulation system.

INSTALLATION:

The installation process is streamlined to promote ease and efficiency. Begin by aligning the strip at the desired window corner, ensuring it fits snugly without any overhang. Press firmly to ensure it adheres, then proceed with the plaster application. The protective tape ensures a clean finish, minimizing cleanup time afterward.

MATERIAL:

Polymer dispersion-coated fiberglass. Crafted from durable glass fibre mesh, the strip combines resilience with flexibility to deliver optimal performance in various settings.

Complete Guide for Handling, Storing, and Installing Insulation and Plaster Profiles SMART

By adhering to these guidelines, you can ensure the longevity and optimal performance of your insulation and plaster profiles SMART.

STORAGE RECOMMENDATIONS

- **Positioning/Orientation:** Regardless of the type, profiles should always be stored horizontally to avoid deformation or any weakening of adhesive bonds.
- **Environment & Conditions:** A dry storage environment is crucial. Shield the profiles from prolonged exposure to sunlight, extreme heat, and mechanical disturbances. Maintain storage temperatures between -5°C and +40°C for optimal results.
- **Storage Duration:** Adhere to the maximum storage duration of 18 months for optimal shelf life.
- **Chemical Exposure:** Ensure the storage area is devoid of any aggressive chemicals or solvents that might degrade the profile's material.

HANDLING & PRECAUTIONS

- **Protective Gear:** Always employ the right protective gloves and eyewear when managing and installing the profiles.
- **Safe Movement:** Utilize correct lifting and transport techniques to prevent unnecessary bending, dragging, or warping of the profiles. For bulk transportation, use a dolly or cart.
- **Tool Usage/Modifications:** For any adjustments or modifications, use clean, sharp, and sanitized tools to prevent potential damage or uneven edges.
- **Cleaning Protocol:** If the profile becomes dirty, clean it gently with a damp cloth and let it dry completely. Avoid using abrasive or corrosive cleaners.
- **Surface Preparation:** Before installation, ensure the surface is free from dust, grease, or any contaminants for better adhesion and longevity.
- **Environmental Conditions for Installation:** Always install the profile in conditions between +5°C and +40°C. Avoid installation during extreme weather conditions such as heavy rain, strong winds, or frost.

WASTE MANAGEMENT

- **Material Waste:** Dispose of material remnants in compliance with EAK 101103 for old fiberglass materials or EAK 170904 for mixed construction and demolition waste. Proper waste disposal is essential for environmental sustainability.

PRODUCT SPECIFICATIONS AND COMPATIBILITY

- **Material Composition:** Be aware of the specific materials used in the construction of the profiles, as this could affect its insulation capabilities, longevity, and suitability for specific projects.
- **Size and Dimensions:** Knowing the exact size and dimensions of the profiles can help in accurate planning and utilization.
- **Load-Bearing Capacity:** Some profiles might have a load-bearing capacity that should not be exceeded during installation or usage.