



REINFORCEMENT FIBERGLASS MESH SMART 120 PANZER

USAGE:

The SMART 120 PANZER fiberglass reinforcement mesh is employed for reinforcing insulation boards in facade insulation systems (SILS, ETICS). This polymer dispersion-coated reinforcement mesh helps prevent the formation of cracks on the reinforced finishing surface.

Fiberglass mesh	Weight (g/m ²)	Mesh size (mm)	Roll (m ²)	Pallet (rl)
SMART 120	200	7x7	50	20

BENEFITS:

Prevents crack formation on the reinforced finishing surface.

High mechanical pressure resistance.

Alkali-resistant.

Non-stretchable and tear-resistant.

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

INSTALLATION:

Apply the reinforcement mix widthwise onto the insulation boards, ensuring the mix thickness forms about 2/3 of the final layer thickness. Press the reinforcement mesh flatly into the mix without any wrinkles. Spread out any mix that comes through the mesh holes. Place the subsequent panels with a 10 cm overlap. Plaster over the reinforcement mesh so that it's entirely covered with the mix. The overall thickness of the reinforced layer depends on the reinforcement mix used.

MATERIAL:

Polymer dispersion-coated fiberglass.

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.