



CORNER PROFILE WITH REINFORCED NOSE SMART 580

USAGE:

Designed specifically for facade insulation systems, the Corner Profile with a Reinforced Nose offers enhanced protection for right-angled external corners against potential mechanical damage.

Profile	Mesh Size (cm)	Length (m)	Packaging (pc)
SMART 580	10 x 10	2.5	25

ADVANTAGES:

Enhanced Protection: It defends the outer corners of doors and/or windows from any mechanical injuries.

Reinforced Design: The unique reinforced nose design ensures heightened resistance to mechanical stress on the outer corners of the wall.

Crack Mitigation: Effectively aids in averting the development of cracks at the connection points.

User-Friendly: The elevated rounded edge of the corner profile simplifies the plaster leveling process.

INSTALLATION:

Preliminary Step: Initiate by covering the insulation board with a reinforcement compound.

Alignment: Properly align the corner profile.

Mesh Placement: Firmly embed the mesh of the profile into the mixture, ensuring a smooth and even spread of the emerged mixture.

Additional Layering: Methodically proceed to encase the residual mesh using sequential layers of the mixture.

Integration Details: When binding this profile with another or employing a fiberglass-reinforcing net, an overlap of 10 cm for the nets is crucial.

MATERIAL: The profile is made of an alkali-resistant perforated PVC combined with a fiberglass-reinforcing net, compliant with ETAG 004 standards.

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.