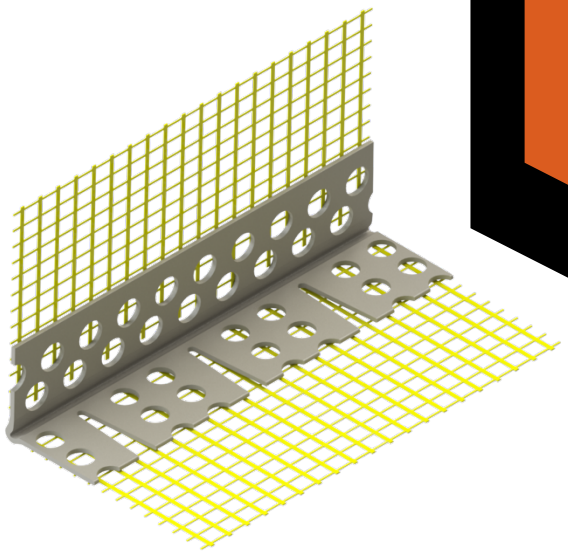
Smartherm
BUILD IT SMARTER



CURVED CORNER PROFILE WITH MESH SMART 570

USAGE:

The Curved Corner Profile is designed for use within facade insulation systems, providing protection to arched external corners against mechanical injuries.

Profile	Mesh Size (cm)	Lenght (m)	Packaging (pc)
SMART 570	10 x 15	2.5	50

ADVANTAGES:

Door & Window Defense: Safeguards the arched external corners of doors and/or windows from mechanical damage.

Wall Protection: Protects the wall's curved corners against potential mechanical harm.

Crack Prevention: Assists in preventing the onset of cracks at the connection points.

Precise Design: Facilitates the creation of precisely-edged curved corners, resulting in an aesthetically appealing look.

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.

Smartherm
BUILD IT SMARTER

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.

smartherm.eu
info@smartherm.eu