



WINDOW SILL BASE PROFILE SMART 850

USAGE:

The self-adhesive PU-tape window sill base profile is used to create a secure and tight connection between the window sill and the thermal insulation composite system. The profile protects the insulation system from mechanical damage and ensures the vertical drainage of excess water.

Profile	Width (mm)	Mesh Size (cm)	Lenght (m)	Packaging (pc)
SMART 850	3	10	2.0	100

ADVANTAGES:

Structural Beauty: Simplifies the creation of an elegant structural finish.

Easy Installation: Designed for hassle-free setup.

No Extras Required: Does not need additional window sill fastenings or silicone sealants.

Water Management: Ensures excess water drains away from the plaster surface, preventing infiltration into the insulation system.

Crack Prevention: Helps prevent the formation of cracks on the finished surface.

INSTALLATION:

Profile Positioning: Position the window sill base profile horizontally into the recess cut at the height of the profile on the external edge of the insulation material, using a reinforcing compound.

Compound Application: Press the mesh attached to the base profile into the compound. Smooth out the compound that emerges through the mesh until uniform. Subsequently, progressively cover the remaining mesh with the compound layer before placing the prepared window sill in position.

Preparation: Before attaching the sill to the self-adhesive base profile, ensure the window sill is even and clean (free from grease, dirt, dust, soot, moss, etc.). If necessary, clean the adhesive surface prior to profile installation.

Attachment: To glue the window sill onto the profile, remove the paper cover from the adhesive strip of the profile and press the window sill onto the adhesive area. When combining the profile with a fiberglass reinforcement net, ensure a 10 cm overlap of the nets.

MATERIAL:

Profile is constructed from an alkali-resistant PVC material, augmented with a glass fiber reinforcement mesh that complies with the 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.