



3D UNIVERSAL MOVEMENT PROFILE SMART 713

USAGE:

The movement profile is utilized for flexible connections between different expansion substrates in the thermal insulation composite system. The profile is designed for vertical installation, particularly for joints and interior corners.

Profile	Mesh Size (cm)	Flex Part Width (cm)	Lenght (m)	Packaging (pc)
SMART 713	10 x 10	6	2.0	25

ADVANTAGES:

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

Versatile Application: Suitable for vertical joints and internal corners.

Water Drainage: The vein ensures that excess water is directed away, preventing its intrusion into the insulation system.

Crack Prevention: Effective in preventing cracks at connection points between different materials.

INSTALLATION:

Preparation: Coat the insulation board with a reinforcement mixture.

Alignment: Properly position and align the movement profile.

Compound Application: Press the mesh attached to the profile into the mixture, ensuring the compound that comes through the mesh is smoothed uniformly. Subsequently, cover the entire mesh with the mixture in stages.

Overlap Consideration: When integrating the profile with another profile or a fiberglass reinforcement net, account for a 10 cm overlap of the nets.

Temperature Constraint: It is recommended to install within a temperature range of +5°C to +30°C.

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.