



MOVEMENT PROFILE FOR FLAT SURFACE SMART 720

USAGE:

The Movement Profile is a crucial element for joining separate surfaces while forming a visible expansion joint in the thermal insulation system. It ensures a seamless connection between surfaces anticipated to have mutual movement, providing a neat finishing touch to the architectural facade.

Profile	Mesh Size (cm)	Flex Part Width (cm)	Length (m)	Packaging (pc)
SMART 720	10 x 10	6	2.5	25

ADVANTAGES:

Precision Plaster Finishing: The deliberate inclusion of grooves facilitates a clean and precise finishing of plaster layers, rendering a professional outlook.

Optimized Surface Joining: Engineered for high-quality joining of separate, dynamic surfaces, it adeptly accommodates mutual movements without compromising the bond.

Weather Resilience: The expansion joint remains guarded against adversities of weather, amplifying the longevity and performance of the insulation system.

Water Intrusion Prevention: Skillfully prevents water penetration into the system, thus averting potential damage and maintaining the system's efficacy.

Concealed Edging: The innovative design ensures that the plastic part remains hidden under the plaster, presenting invisible edges for a sleek appearance.

Watertight Connection: Overlapping soft strips are thoughtfully integrated to ensure a watertight connection of the beads, further bolstering the system's resistance to water ingress.

INSTALLATION:

Begin by accurately measuring and cutting the movement profile for flat surface to fit the intended installation area.

Utilize the provided connecting pegs to securely fasten the bead, ensuring a firm grip between the separate surfaces.

The glass fibre mesh should be smoothly pressed into the plaster, aligning with the grooves to achieve a neat finish.

Apply additional plaster over the mesh and bead as required, smoothing out to attain a uniform and clean appearance.

Ensure the overlapping soft strips are correctly positioned to achieve a watertight connection between the beads.

MATERIAL:

Zinc-Coated Steel: Provides a sturdy framework and resistance against corrosion, enhancing the bead's durability.

PVC: Offers flexibility and ease of installation while remaining hidden beneath the plaster for a refined finish.

Glass Fibre Mesh: Fortifies the bead with enhanced tensile strength, ensuring a robust joining of the separate surfaces.

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.