



## ELASTIC CORNER PROFILE WITH MESH SMART 560

### USAGE:

The Elastic Corner Profile is utilized within facade insulation systems to safeguard non-right-angle external corners from mechanical damages.

Profile	Mesh Size (cm)	Length (m)	Packaging (pc)
SMART 560	10 x 15	2.5	50

### ADVANTAGES:

**Protection:** Guards the external corners of doors and/or windows against mechanical harm.

**Wall Defense:** Shields the wall's external corners from potential mechanical injuries.

**Crack Prevention:** Assists in averting the emergence of cracks at the connection points.

**Design Flexibility:** Enables the creation of straight non-right-angle corners, presenting an aesthetically pleasing appearance.

### INSTALLATION:

**Preparation:** Gather corner profiles, insulation board, and reinforcing compound.

**Compound Application:** Evenly spread the reinforcing compound over the insulation board.

**Profile Alignment:** Position the corner profile vertically onto the board.

**Mesh Attachment:** Press the profile's mesh into the compound, smoothing out any excess.

**Overlap:** If connecting to another profile or fiberglass mesh, ensure a minimum 10 cm overlap.

**Check:** Inspect for a secure fit and make any final adjustments.

Follow this concise guide to effectively protect external corners from potential damage.

**MATERIAL:** Alkali-resistant perforated PVC profile and fiberglass reinforcement mesh compliant with ETAG 004 requirements.

## 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.