



TECHNICAL DATA SHEET

KEIM DEHNFUGENPROFIL

1. PRODUCT DESCRIPTION

Expansion joint profile type E:

For movement joints in the surface. Plastic loop with two angles and a 10 cm wide strip of mesh mat on both sides, overlapping at one end.

Expansion joint profile type V:

For movement joints in the corner area. Plastic loop with one angle and a 10 cm wide strip of mesh mat on both sides, overlapping at both ends.

2. FIELD OF APPLICATION

For forming vertical movement joints in KEIM external thermal insulation composite systems. Variable joint width of the visible joints from 5 – 25 mm. It is recommended to determine the visible joint width in the planning stage. Existing building movement joints are to be adopted in the ETICS.

For use in KEIM ETIC systems:

AquaROYAL-System

Klassik-System

Klassik Plus-System

Keramik-System

Not suitable for Integration into the ground.

3. PRODUCT PROPERTIES

- suitable for all insulation panel thicknesses and kinds
- easy and fast processing
- easy to use
- driving rain-proof
- fire behaviour: hardly inflammable B1 according to 4102
- non-slip
- highly weather-resistant
- long-lasting

MATERIAL CHARACTERISTICS:

- Mesh size: 4 x 4 mm
- Colour shade: white

4. APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues and must not be too absorbent.

To protect the joint loop from contamination by the subsequent work, we recommend clamping a polystyrene strip in the joint. After completion of the facade, this strip is removed.

APPLICATION CONDITIONS:

Ambient and substrate temperature during application and drying must be in the range between max. 5 °C and max. 30 °C.

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CONSUMPTION:

approx. 1,0 m/m

APPLICATION:

Make a parallel, perpendicular joint, 16 – 36 mm wide, depending on requirements, in the insulation material, pre-fill an approx. 15 cm wide strip with reinforcement material on both sides of the joint, push joint loop into the joint, press angle firmly onto the insulation board edges into the reinforcement material and fill over wet on wet. Work the profiles from bottom to top and overlap by at least 4 cm at the joints. Type V is suitable for left and right inside corners due to the overlap at both ends. Therefore, the overlap at the top must be cut off during installation. The lower and upper ends of the expansion joint profile are closed with KEIM joint sealing tape.

REINFORCEMENT:

Apply the system's reinforcing mortar at the appropriate points and embed KEIM Dehnfugenprofil centrally or in the upper third, free of bubbles and folds.

The layer thickness for embedding in thin-layer systems should not be less than 2 mm and not exceed 3 mm to achieve the best possible functionality. In thick-layer systems, use close to the surface is recommended wherever possible.

AFTERTREATMENT:

After complete drying of the base coat, the surface is reinforced.

5. PACKAGING

Product name	Length [m]	Pieces per unit	Content per sold unit [m]	Type of container
Dehnfugenprofil Typ E	2.50	10	25.0	carton
Dehnfugenprofil Typ V	2.50	10	25.0	carton

Delivery in cartons

6. STORAGE

max. storage time	Storage conditions
no maximum storage time	dry protect against weathering flat-lying in the outer cardboard

7. DISPOSAL

Waste code: 17 09 04

8. SAFETY INSTRUCTIONS

No particular indications.

9. GENERAL INFORMATION

Do not use in the perimeter area.

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The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.



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