

# Capatect Fugendichtband Typ Dehnfuge 059

Flexible polyurethane foam tape for expansion joints in ETICS, one-sided self-adhesive, compressed and impregnated



## Product Description

Field of Application	Pre-compressed sealing tape for the driving rain proofing of joints between adjacent components in the Capatect façade systems, for example at expansion joints in ETICS.
Material Properties	<ul style="list-style-type: none"> <li>■ Stress group BG 1 as per DIN 18542</li> <li>■ Water vapour permeable</li> <li>■ Flexible</li> <li>■ Self-adhesive on one side</li> <li>■ Driving rain proof within the defined area of application</li> <li>■ Resistant to weather and UV</li> <li>■ Impregnated with flame-retardant synthetic resin</li> </ul>
Colours	Anthracite
Storage	Dry, cool, protected from direct sunlight and moisture. At +1 ° C to +20 ° C durable for at least 24 months.
Technical Data	<ul style="list-style-type: none"> <li>■ Heat conductivity: <math>\leq 0.048 \text{ W/(mK)}</math> as per 52612</li> <li>■ Diffusion-equivalent air layer thickness <math>s_{dH_2O}</math>: <math>&lt; 0.5 \text{ m}</math></li> <li>■ Temperature resistance: <math>-30 \text{ °C to } +90 \text{ °C}</math> Weather resistance: BG1 as per DIN 18542</li> <li>■ Consistency: Soft polyurethane foam</li> <li>■ Building material class: B1 as per DIN 4102 (between massive mineral components)</li> <li>■ Technical data field description: <b>Driving rain tightness:</b> 600 Pa according to DIN 18542 at maximum permissible joint width <b>Air tightness:</b> <math>a &lt; 1.0 \text{ m}^3 / [\text{h}\cdot\text{m}\cdot(\text{daPa})^n]</math> as per DIN 18542</li> </ul>
Product No.	059/01-03



Sales programme

Prod.-N°	Type	Joint width [ mm ]	Minimum joint depth [ mm ]
059/01	Expansion joint 30/13-24	13-24	30
059/02	Expansion joint 37/17-32	17-32	37
059/03	Expansion joint 47/28-40	28-40	47

## Application

Substrate Preparation

All surfaces (joint flanks) must be load bearing, flat, dry and free of all residues that could prevent a good adhesion (such as oils, greases, loose parts). In wide façade joints with strong absorbent substrates, prime the joint edges for hydrophobation before installation.

Consumption

**1.02 m** per m joint plus offcuts  
Depending on conditions at site. The exact consumption is best established by trials at site.

Application Conditions

**Optimum processing temperatures:** +8 ° C to +20 ° C. The expansion of the compressed foam is faster at higher temperatures and slower at lower temperatures.

Installation

The fixing of the sealing tape is possible during and after the bonding of the insulation boards.

Adjust the type of sealing tape in the dimensioning of the joint width and the expected joint movement.

When cutting the tape, add at least 2 cm per meter of measured length. For vertical joints, start the laying at the bottom of the joint. In horizontal joints the self-adhesive side is placed downwards.

The joint filling tape should preferably be installed slightly set back into the joint in order to avoid swelling of the joint sealing foam beyond the front edge of the joint flank.

Tapes start and end always as blunt cut. Stick the sealing tape in the appropriate length on the clean surface and push insulation boards tightly towards it.

Expansion times do not have to be considered.

Reinforcement layers and renders must be completely separated from the adjacent elements with a separating cut to allow undisturbed movement of the joint sealing tape. The tape can be painted. Compatibility must be tested in advance when coating with paints is expected.

**Note:** Put a weight on remaining rolls in open boxes to prevent the rolls from expanding sideways (telescoping). If necessary, joint sealing tape clips can help.

## Advice

Disposal

Disposal according to official national and regional regulations.

Customer Service Centre

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