

# Capatect Fugendichtband

## Type SMART 057

Flexible polyurethane foam tape for joint sealing  
one-sided self-adhesive, compressed, impregnated



### Product Description

Field of Application	For sealing and waterproofing of joints between Capatect ETICS Systems and adjacent components. Especially suitable for waterproofing between the screw-hole ledge of the windowsill and the window frame.
Material Properties	<ul style="list-style-type: none"> <li>■ Stress group BG 1 as per DIN 18542</li> <li>■ Watertightness within the specified range of applications of 3 mm expansion</li> <li>■ Weatherproof</li> <li>■ Slowly expanding into the joint width</li> <li>■ Self-adhesive</li> <li>■ Fully impregnated</li> </ul>
Colours	Anthracite
Storage	Dry, cool, protected from direct sunlight and moisture. Storage life between +1 ° C and +20 ° C for at least 24 months.
Technical Data	<ul style="list-style-type: none"> <li>■ Heat conductivity: <span style="float: right;">≤ 0,048 W/(mK) as per DIN 52612</span></li> <li>■ Diffusion-equivalent air layer thickness <math>s_{dH_2O}</math>: <span style="float: right;">&lt; 0,5 m</span></li> <li>■ Temperature resistance: <span style="float: right;">-30 ° C to +90 ° C</span></li> <li style="margin-left: 20px;">Weather resistance: <span style="float: right;">BG1 as per DIN 18542</span></li> <li>■ Consistency: <span style="float: right;">Soft polyurethane foam</span></li> <li>■ Building material class: <span style="float: right;">Fire behavior: B1 as per DIN 4102 (between massive mineral walls / elements)</span></li> <li>■ Rain resistance: <span style="float: right;">Watertightness: 600 Pa as per DIN 18542 at maximum permissible joint width</span></li> <li style="margin-left: 20px;">Air tightness: <span style="float: right;"><math>a &lt; 1.0 \text{ m}^3 / [\text{hm (daPa)}^n]</math> as per DIN 18542</span></li> </ul>

Product No. 057

Sales programme

Prod.-N°	Type	High of tape [ mm ]	Joint width [ mm ]
057	SMART 24/3	24	3
<b>Packaging units: see current product range</b>			



## 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 plus 5 cm for each window sill side.  
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

When cutting the tape, add at least 2 cm per meter of measured length (plus 5 cm for each window sill side when using it on window-hole ledges).

Cut the joint sealing tape blunt and stick it onto the back site of the screw-hole ledge of the window sill. Guide it about 5 cm around the corners of the board profile.

Expansion starts immediately after decreasing the pressure of the rolled tape.  
Take care for a perfect sealing layer while placing cut ends blunt together.

**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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