Apply sealing compound or type 1 sealing tape to side joints

Type 1
14 / 3-9 or
18 / 6-18
or
Type 1a
15 / 3-5 or
20 / 5-9

> 10
Type 1
14 / 3–9 or
18 / 6–18
or
Type 1a
15 / 3–5 or
20 / 5–9

> 10
- laid horizontally -
Industrial and building construction

Base

- laid horizontally -
Outside corner

End overlap

Type 1
14 / 2-6
Glue to edge

Type 1
10 / 2-6
Only for versions b), c), d)

Sandwich panels laid vertically

a) 2x type 1 or
b) flexible PE foam strip
c) PU foam
d) mineral wool, compressed
Outer corner

- laid horizontally -

End overlap

Type 1

14 / 2-6

Glue to edge

Apply sealing compound or sealing tape to side joints

Type 1

10 / 2-6

Only for versions b), c), d)

Apply sealing compound or sealing tape to side joints

Apply sealing compound or sealing tape to side joints

- laid horizontally -

a) 2x type 1 or
b) flexible PE foam strip
c) PU foam
d) mineral wool, compressed
**Outer corner**

- laid horizontally -

**Industrial and building construction**

Apply sealing compound or sealing tape to side joints

Type 1

14 / 2-6

Glue to edge

End overlap

Type 1

10 / 2-6

Only for versions b), c), d)

Apply sealing compound or sealing tape to side joints

<table>
<thead>
<tr>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>a) 2x type 1 or</td>
</tr>
<tr>
<td>b) flexible PE foam strip</td>
</tr>
<tr>
<td>c) PU foam</td>
</tr>
<tr>
<td>d) Mineral wool, compressed</td>
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</tbody>
</table>

As of: 09/15
Apply sealing compound or type 1 sealing tape to side joints

Type 1
14 / 3-9 or
18 / 6-18
or
Type 1a
15 / 3-5 or
20 / 5-9

Apply sealing compound or type 1 sealing tape to side joints
As of: 09/15

Type 1, 14 / 3-9
Apply sealing compound to side joint under sealing tape

Flexible PE foam strip
or PU foam
or mineral wool, compressed

Type 2, 15/4

Apply sealing compound to side joint under sealing tape

Sandwich panel joint with pilaster
- laid horizontally -
As of: 09/15

F 109.1

Sandwich panel joint with pilaster

- laid horizontally -
Roof parapet channel

- PU foam or mineral wool, compressed
- Connection profile

Type 2
30 / 2

Type 1
14 / 3-9
### Sealing tape types

<table>
<thead>
<tr>
<th>Properties</th>
<th>DIN</th>
<th>Type 1</th>
<th>Type 1A</th>
<th>Type 2</th>
<th>Type 3</th>
<th>Type 4</th>
<th>Type 5</th>
<th>Type 6</th>
<th>Type 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material</td>
<td></td>
<td>PUR foam</td>
<td>PUR foam</td>
<td>Open-cell PUR foam</td>
<td>Butyl tape</td>
<td>Elasto-plastic bitumen/natural rubber</td>
<td>PUR Soft foam, open-cell with polypropylene film</td>
<td>Closed-cell PE foam (profile filler)</td>
<td>Closed-cell PP or PE foam (decoupling tape) and others</td>
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<tr>
<td>Stress group (SG)</td>
<td></td>
<td>SG 1</td>
<td>SG 1</td>
<td>SG 1</td>
<td>SG 1</td>
<td>SG 1</td>
<td>SG 1</td>
<td>SG 1</td>
<td>SG 1</td>
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<tr>
<td>Acrylic polymer impregnation</td>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No requirement</td>
<td>No requirement</td>
<td>Yes</td>
<td>No requirement</td>
<td>No requirement</td>
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<tr>
<td>Features</td>
<td></td>
<td>Self-adhesive on one side</td>
<td>Self-adhesive on one side, delayed decompression</td>
<td>Self-adhesive on both sides, aluminum-laminated as required</td>
<td>Self-adhesive</td>
<td>Self-adhesive</td>
<td>Self-adhesive on one side</td>
<td>Follows molded part shape</td>
<td>Self-adhesive on one side acc. to DIN EN ISO 3386-1</td>
</tr>
<tr>
<td>Vapor diffusion resistance value</td>
<td></td>
<td>μ ≤ 100</td>
<td>μ ≤ 100</td>
<td>μ ≤ 100</td>
<td>Vapor retarder</td>
<td>Vapor retarder</td>
<td>Vapor retarder</td>
<td>Vapor retarder</td>
<td>Vapor retarder</td>
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<tr>
<td>Thermal conductivity $\lambda$ max. W/(m*K)</td>
<td></td>
<td></td>
<td>μ ≤ 100</td>
<td>μ ≤ 100</td>
<td>Vapor retarder</td>
<td>Vapor retarder</td>
<td>Vapor retarder</td>
<td>Vapor retarder</td>
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<tr>
<td>Temperature resistance min. requirement</td>
<td></td>
<td></td>
<td>- 30°C to + 80°C</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Joint permeability $m^3/(h<em>m^2</em>daPa)$</td>
<td></td>
<td>a ≤ 0.1</td>
<td>a ≤ 0.1</td>
<td>a ≤ 0.1</td>
<td>a ≤ 0.1</td>
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<td>a ≤ 0.1</td>
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</tr>
<tr>
<td>Driving rain resistance</td>
<td></td>
<td>600Pa</td>
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<td>300Pa</td>
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<td>300Pa</td>
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<tr>
<td>Weather resistance</td>
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<td>Compatibility with materials</td>
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<td>18542</td>
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<tr>
<td>Dimensions in mm Min. tape width / max. joint width</td>
<td></td>
<td>14/1-3, 10/2-6, 14/2-6, 14/3-9, 14/4-5,12,18/6-18</td>
<td>15/3-5, 20/5-9</td>
<td>30/2, 15/4</td>
<td>Profile shape modified min. 30mm</td>
<td>80/3, 60/3, 40/3</td>
<td>80/3, 60/3, 40/3</td>
<td>80/3, 60/3, 40/3</td>
<td>80/3, 60/3, 40/3</td>
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</tbody>
</table>