SLATEPLAN

PRODUCT FOR FASTENING HANGER BOLTS TO SHINGLE ROOFINGS

SlatePlan can be used on roofs with shingle roofing, such as those made of bitumen, fiber cement or slate for fastening hanger bolt systems for solar installations. SlatePlan is integrated into the existing shingle roofing to seal the roofing from penetration by the hanger bolt. A seal ring installed on the underside also prevents lateral penetration of water into the bore. SlatePlan is firmly anchored along with the hanger bolt in the load-bearing timber substructure. This results in faster, less costly installation combined with optimal sealing results.

- Simple, reliable installation
- Premium materials
- (stainless steel 1.4301 and EPDM)
- Suitable for applications parallel to the roof and elevations associated with hanger bolts
- Direct and therefore firm fastening to the roof sub-structure
- 25-year warranty*

After suitability of the roof is checked, the overlap height is the main thing to consider when designing the right SlatePlan version.

For this, three product versions are available, which are adapted to various design situations. The length of the seal plate is determined by how far SlatePlan can be inserted between the roof shingles.

Suitability of the design must be checked at the construction site (technical data on page 2).

POSSIBLE COMBINATIONS

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>119002-000</td>
<td>Mounting plate for hanger bolt M10/M12</td>
<td>50</td>
</tr>
<tr>
<td>119001-000</td>
<td>KlickTop attachment part for hanger bolt</td>
<td>50</td>
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<tr>
<td>119033-001</td>
<td>Universal adapter Uno M10/12</td>
<td>50</td>
</tr>
</tbody>
</table>

*in accordance with our warranty conditions
## TECHNICAL DATA

| Material        | SlatePlan: Stainless steel 1.4301  
| Seal: EPDM      |
| Use             | For horizontally overlapping shingle roofings with a substructure suitable for hanger bolts |
| Sizes           | Ordinary bitumen shingles  
|                 | Shingle roofing up to 400 mm in length |

### Accessories
For optimal results regardless of the roof structure, SlatePlan is supplemented by various outstanding hanger bolt system designs. Fastener options can be found in the section “Possible combinations”.

For more information, see www.schletter-group.com