



RoofTech – Product Information:

S-5!® Z- and E- Clamps have the national technical approval

All components in Germany related to fixing solar products for PV installations needs to carry a German approval by the DIBt (German Center of Competence for Civil Engineering - Authority of the German Government). Since March 2017 the S-5-Z- and S-5-E- Clamps have the national technical approval by the **DIBt, No: Z-14.4-719**.

The **S-5!® Z-clamp family** have the national technical approval for the round „bulb“ seams for all these internationally operating producer:

- Kalzip-Aluminium-Stehfalzprofil from **Kalzip**
- BEMO-FLAT-ROOF from **Bemo**
- ALUFALZ and FALZ-RIPP from **Aluform**

The S-5-Z-Clamp, S-5-Z-Mini and S-5-Z-Mini-FL are currently the only clamps on the market with an approval for all these relevant round bulb seam profiles.

Please note this information from Kalzip:

Kalzip requires “an official approval for assembly with Kalzip” when using clamps from other manufacturers. For the installation of solar systems on Kalzip roofs, only tested system accessories approved for this purpose may be used. **Non-approved components invalidate the Kalzip warranty!**

Due to the approval by the DIBt, such proof is given for the S-5!® Z clamp family and they may therefore can used for installations on such Kalzip roofs.

The **S-5!® E-Clamp family** was tested on the **RheinZink double folded seam system** and currently the only clamps on the market with an official approval for this double-folded standing seam roof.

Please note this information from RheinZink:

RheinZink basically only recommends the use of the S-5! Clamps, as only these have the official approval in connection with their roofs and thus offer the only possibility that a structural engineer can provide a static proof for the entire system.

Should the tradesman or planner nevertheless work with other clamps and this causes damage to the roof, then of course the RheinZink material warranty and system warranty no longer apply.

The S-5-E- und S-5-Z-Clamps families have been tested according the test program for the general approval by the DIBt in all four load directions.

The extensive test procedure was made by the well-known institute KIT (Karlsruhe Institute of Technology).



The test results proved the outstanding performance produced by S-5!® clamps. Combined with the versatile possibilities of fixing on the S-5!® clamps they are the best choice to attach almost everything without penetration to the roof. The S-5!® Clamps offer reliability, permanence and holding strength unmatched by any other attachment system.

Please don't hesitate to contact us for further information and the test results.

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