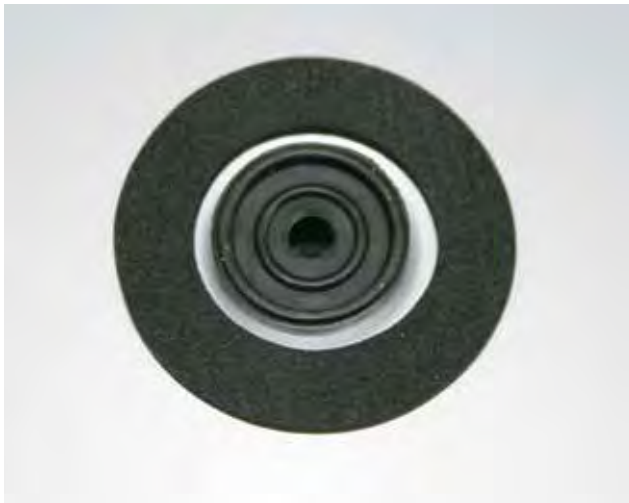


Product key

EJOT Solar Flashing



EJOT Solar Flashing for THREE TAB Asphalt Shingle Roofs



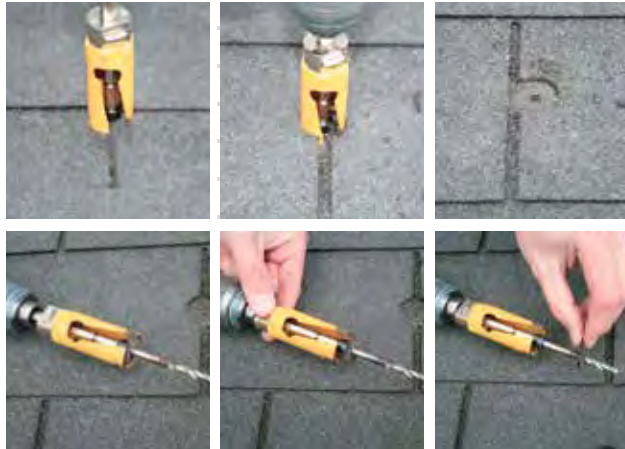
Bottom view – 2nd and 3rd sealing underneath Flashing

EJOT Click&Drill Hole Saw



EJOT Click&Drill Hole Saw for THREE TAB Shingle Applications

- Optimal installation preparation through use of EJOT Click&Drill Hole Saw
- Preparation of the assembly position in just one step
- Easy ejection of the debris



Our engineering department would like to assist you in choosing the appropriate EJOT product for your project. Please call us at +1 262-612-3550 or send an e-mail to info@ejot-usa.com.

EJOT Authorized Distributor:



EJOT® Fastening Systems LP
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phone: +1 262-612-3550, fax: +1 62-721-1245,
info@ejot-usa.com, www.ejot-usa.com

EJOT®

EJOT® Solar Flashing for THREE TAB Asphalt Shingle Roofs



Application

Solution for PV and solar thermal installations on residential buildings with asphalt **THREE TAB shingle roofs** and wood substructure (rafters).



THREE TAB shingle roof

In the case of metal rafters/purlins, upon request also available with EJOT Solar Fastening System JZ3.



Assembly on wood rafter

Secure sealing – in three different layers!

Sealing between flashing and fastener (1st sealing)

- Sealing area between fastener and flashing is elevated
- Increased security compared to flashings with sealing feature in the rain water-bearing layer
- Sealing with the washer takes place at the cylindrical part of the JA3 fastener – no capillary action is possible at the shank of the fastener

Sealing between flashing and upper shingle layer (2nd sealing)

- Additional sealing below the flashing
- Preassembled structural foam sealing adapts to the surface of the asphalt shingle
- Sealing ring is pressed against the shingle through the tightening condition of the fastener exactly as defined

Sealing of the penetration through the second shingle layer (3rd sealing)

- Additional sealing in the third layer (bottom shingle) with conical shaped sealing washer

- ➔ Defined compression of the sealing elements in all layers
- ➔ No need to use additional sealants
- ➔ If the penetration has to take place in a low between two highs, there is no need to shim the low under the flashing with extra asphalt to level out the surface



Sealing in three levels on THREE TAB Shingle Roofs

Your advantages

- Only two preset components – one fastener, one flashing
- Applicability to all common mounting systems and strut rails (attached directly or with L-foot/adaptor plate)
- High product quality through strict quality controls
- Usage of weather resistant materials (anodized aluminum, stainless steel 304 and EPDM)
- Competent technical consulting services

Installation

- Simple, secure, fast and labor-saving installation process
- Predrilling and preparation of the cutout in one simple step
- Precise defined depth (control) stop
- Perfect setup of the fasteners' installation depth and reliable sealing characteristics is included in the proven EJOT Fastening System.

Fastening position:

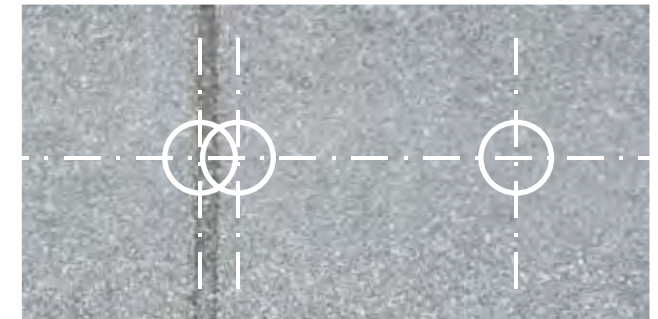
- Unique sealing system allows positioning close to, or even right on a low between two highs - without shimming

Stability of the flashing:

- High stiffness through specially shaped emboss

Load transfer:

- Secure transmission of all loads into the substructure
- Force transfer and quantity of required fasteners can be evaluated easily with support from licensed professionals (i.e. licensed solar installers, engineers and racking manufacturers)



Individual positioning of the fastener - close to, or even right on a low between two highs - without shimming