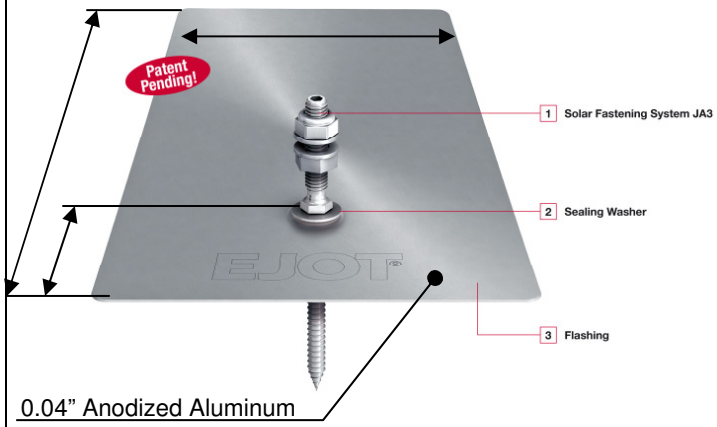
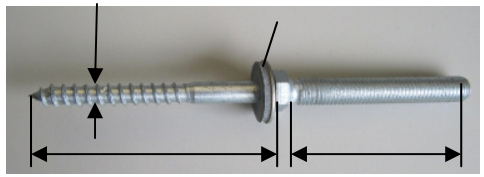
Product key

EJOT Solar Flashing



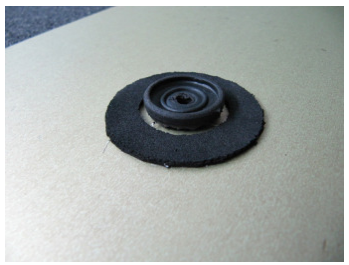
0.04” Anodized Aluminum

Picture:
EJOT Solar Flashing for Three Tab Asphalt Shingle Roofs



304 Stainless Steel

Picture: EJOT JA3-SB-8.0x80/70 E22/3
(JA3-SB-5/16” x 3.15”/2.75” E22/3)

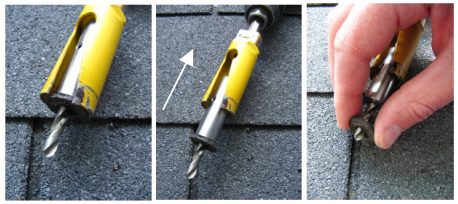


Bottom view – 2nd and 3rd sealing underneath Flashing

EJOT Click&Drill Hole Saw

Picture: 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 +1 847 933 8588 or send an e-mail to solar@atf-inc.com.

EJOT Authorized Distributor:

EJOT® Solar Fastening Systems
represented by ATF, Inc., 3550 West Pratt Avenue,
Lincolnwood, IL 60712 USA, phone: +1 847 933 8588,
fax: +1 847 568 3713, solar@atf-inc.com, www.ejot-usa.com

EJOT® Solar Flashing for Asphalt Shingle Roofs

EJOT®

Application

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

Picture: Three TAB Shingle roof

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

Picture: 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 approved washer takes place at the cylindrical part of the JA3 fastener (above of the thread) – at the shank of the fastener is no capillary action at

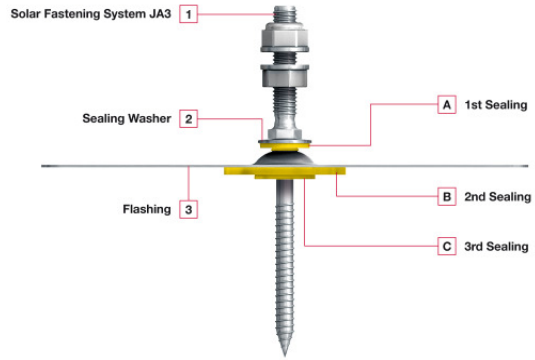
Sealing between flashing and upper shingle layer (2nd sealing)

- 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 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**



Picture: 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/adapter 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
- High protection against deformation through 0.04'' flashing thickness

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