

EJOT®



RAINscreen
FASTENERS

Performance proven fastening system
Bringing your concepts together beautifully



The Quality Connection www.ejot-usa.com

Bridging the void

The EJOT Rainscreen fastener range provides efficient installation and mechanical durability for fixing rainscreens, building envelopes, rear ventilated façades and other hybrids of forming and bridging the void.

EJOT Rainscreen fasteners improve performance, appearance, and quality of installations. The totality of the range also bridges the void; EJOT's Rainscreen fasteners cover all the solutions for all the applications, for all the leading system providers. And all from one internationally proven manufacturer.



The engineered concept

EJOT provides a package of products for the four specific applications in rainscreen installations.

EJOT's range is second to none. With many years experience and development, EJOT understands the requirements of fasteners and their applications on building envelopes.

Performance and longevity

As well as construction fastenings for a modern age, EJOT's reputation for performance and value has positioned EJOT as the company of choice for supply partnerships in fastening technology, across a whole spectrum of engineering possibilities. All issues of performance and longevity are secure and proven.

All applications secured

EJOT's range of masonry and insulation anchors are widely acknowledged as the best available and market leaders. During the last three decades over 500,000,000m² of external wall insulation has been installed using EJOT anchors. Not one single failure has been traced back to an EJOT fastener product. That corresponds to an area of over 7,000 international football pitches and this figure is increasing daily.

When you evaluate EJOT's expertise and product development program behind the frame fasteners and fascia panel fasteners, there is a clear case for EJOT Rainscreen Fasteners' technical advantages in ensuring secure durability and a 'mechanical' fixing, using a threaded fastener.

Keeping up the façade

Installation typically accounts for up to 30% of the total cost of a rainscreen façade, therefore quick and efficient installation is imperative. The selection of the right fasteners is critical for correct and safe assembly. The paramount factor of any façade installation is safety; and EJOT's use of high grade materials, which result in minimal electrostatic oxidation and corrosion, ensure that structural longevity is assured.

Simple to specify delivery from stock

The EJOT Building and Construction Division has been established over 25 years. The EJOT group ethos 'The Quality Connection' is admirably demonstrated in the companies' ability to provide solutions to fixing problems and form strong and beneficial partnerships at all levels.

Working closely with system manufacturers and specifiers, EJOT has both widespread approval and application-specific products; gaining broad acceptance from specifier, engineer, buyer and installer.

EJOT designs and manufactures fasteners for roofing and cladding, single ply membrane, external wall insulation, façades, offsite construction and general building and construction.





EJOT[®] RAINscreen

FASTENERS



1
Substrate
Anchors

3
Insulation
Anchors

2
Frame
Fasteners

4
Fascia
Panel
Fasteners

- Efficient installation
- Mechanical durability
- Proven longevity
- Improves performance, appearance, and quality of installations
- Range covers all applications for leading system providers
- Simple to specify and delivered from stock
- ETA Approved

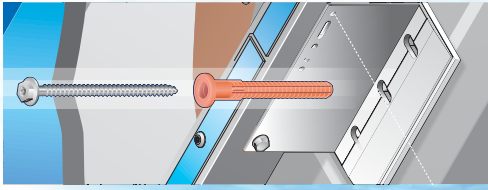


The Quality Connection www.ejot-usa.com

Tel: 262-612-3550 Email: info@ejot-usa.com

1

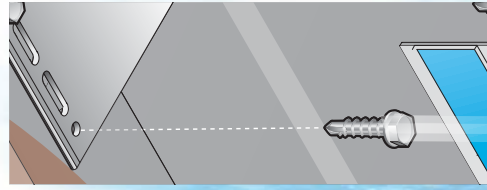
EJOT® Substrate Anchors



Fixing aluminium, galvanised steel or timber frame to concrete, concrete blockwork or brick.


2


EJOT® Frame Fasteners




Fixing aluminium, or steel to aluminium, steel and timber.


Fastener	Length (mm)	Embedment (mm)	Hole Dia (mm)	Material
----------	-------------	----------------	---------------	----------

 EJOT Screw set anchor	SDF-KB-10V x Length E Metal sections and brackets to concrete and brick			
	50 60 70	40-50	10	A4 stainless steel with nylon plug

 EJOT Screw set anchor	SDF-KB-10H x Length E Metal sections and brackets to concrete and brick with low compressive strength *Countersunk headed versions available on request			
	80-220	70	10	A4 stainless steel with nylon plug

 EJOT Screw set anchor	SDF-KB-10G x Length E Metal sections and brackets to aerated concrete *Countersunk headed versions available on request			
	80-220	70-80	10	A4 stainless steel with nylon plug


Through Bolt

 EJOT Through bolt	BA-E 10/10 Through Bolt Fixing Aluminium support brackets to masonry where higher loads are required			
	92	68	10mm	A4 stainless steel


Chemical Anchoring Systems

	For high-strength installation into cracked /non-cracked concrete Two-part Multifix VSF resin is styrene-free and comes with ETA 15/0282 for concrete. EJOT's high quality threaded stud is available in zinc-plated and A4 stainless steel.			


Fasteners for light steel frames


 EJOT Self drilling fasteners	JT3-3-6.3 x Length Fixing aluminium support bracket to light steel frame			
	38 and 50	8mm hex	3mm steel	A2 stainless steel bi-met


SIPS Fastener


 EJOT Self- tapping fasteners	JA3 6.5 x 50 Fixing aluminium support bracket to OSB & ply			
	50	3/8 hex	n/a	A2 stainless steel


Fixing	Length (mm)	Drive	Drill Capacity	Material
--------	-------------	-------	----------------	----------


 EJOT Self drilling fasteners	JT4-ZT4-4.8 x Length Fixing frame to aluminium support bracket			
	19 25	Torx 25	4mm Aluminium	A2 stainless steel


 EJOT Self drilling fasteners	JT4-4-4.8 x 19 Fixing to aluminium sections 1.5 to 4mm thick			
	19	8mm Hex	4mm Aluminium	A2 stainless steel

 EJOT Self drilling fasteners	JT4-6-5.5 x Length Fixing aluminium sections 2mm - 6mm thick			
	19 25	8mm Hex	2mm-6mm Aluminium	A2 stainless steel

 EJOT Self drilling fasteners	JT4-FR4-4.8 x 19 / JT4-FR4-5.5 x 19 Fixing aluminium sections 1.5mm - 4mm thick (can be supplied with S12 bonded washer)			
	19	Torx 25sw	4mm Aluminium	A2 stainless steel

 EJOT Self- tapping fasteners	JA3-LT- 4.9 x Length Fixing aluminium to timber and high pressure laminate board to timber (aluminium requires a clearance hole)			
	38	Torx 20	Timber	A2 stainless steel

 EJOT Self drilling fasteners	JT3-3-5.5 x Length Fixing aluminium or steel to steel (can be supplied with S16 or S19 bonded washer)			
	35 50 70	8mm Hex	3mm Steel	A2 stainless steel bi-met

 EJOT Self drilling fasteners	JT3-12-5.5 x Length Fixing aluminium or steel to heavy section steel (can be supplied with S16 or S19 bonded washer)			
	40 67	8mm Hex	12mm Steel	A2 stainless steel bi-met

Find the right fasteners and anchors for your applications

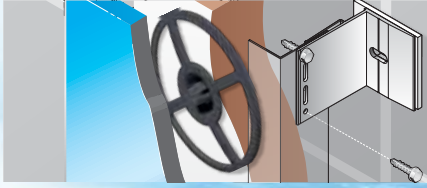


Download the EJOT Rainscreen app



3

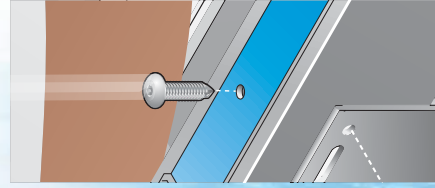
EJOT® Insulation Anchors









Fixing insulation to concrete, blockwork, brick, timber or steel.

4


EJOT® Fascia Panel Fasteners










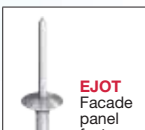
Fixing fascia panel to aluminium, steel or timber.

Fastener	Length (mm)	Embedment (mm)	Hole Dia (mm)	Material
 EJOT Insulation anchor	DH 8 x Length Fixing mineral wool to masonry			
	60 - 300 (insulation thickness)	30	8	Polyethylene
 EJOT Insulation anchor	DDA 8/25 x Length Fixing rigid insulation to masonry			
	50 - 175	25	8	Polyamide
 EJOT Insulation anchor	DMH 8/35 x length E Fixing fire barrier insulation to masonry (available with DMT 80mm spreader washer)			
	80 - 250	50	8	A2 stainless steel
 EJOT Insulation anchor	TRIO For fixing insulation to masonry (available with all plastic pin or metal pin with plastic isolator)			
	120-300	30mm - 60mm (substrate dependant)	10	High Density Polyethylene Pin - Glass reinforced Nylon or steel with Nylon head
 EJOT Insulation anchor	SBH-T 65/25 x Length (c/w SW8R fastener) Fixing insulation to steel, timber and sheathing boards			
	70 - 270. Please refer to EJOT technical for specific details	Timber = 40mm Sheathing Board = 20mm protrusion	n/a	Polyethelene Washer. Carbon steel or stainless steel fastener
 EJOT Insulation anchor	JT3-D6H-5.5/6.3 x Length c/w TID TR washer and HTV 40/SS Fixing insulation to steel 1.5mm - 6mm			
	67 - 237	See page 20 of Building Fasteners Catalogue for specific applications	n/a	Fastener - A2 stainless steel Washer - A2 stainless steel

Installation Accessories

 EJOT Adjustment packers	Adjustment Shims (AS) (Snap onto EJOT fasteners including SDF and SDP screw set anchors)			
	Length (mm)	Embedment (mm)	Hole Dia (mm)	Material
	1, 2, 3, 5, 8, 10, 15, 30	50mm Sq		Polyamide

Drill Bits	
PTS Stop Drill Bit Accurate drilling of blind hole in laminate boards	5.5mm and 7.5mm
SDS Plus 8 x Length Drilling of masonry material for insulation anchors	160mm - 400mm
SDS Plus 10 x Length Drilling of masonry material for SDF and SDP anchors	160mm - 450mm

Fastener	Length (mm)	Drive	Drill Capacity	Material
 EJOT Self drilling fasteners	JT4-FR4-4.8 x Length* Fixing aluminium panel to aluminium (can be supplied with S12 bonded washer)			
	19	Torx 25w	4mm aluminium	A2 stainless steel
 EJOT Self drilling fasteners	JT3-FR3-5.5 x Length* Fixing panel to light section steel (can be supplied with S12 bonded washer)			
	25 50	Torx 25w	3mm steel/aluminium	A2 stainless steel bi-met
 EJOT Self drilling fasteners	JT3-FR6-5.5 x Length* Fixing panel to medium section steel (can be supplied with S12 bonded washer)			
	25 35	Torx 25w	6mm steel/aluminium	A2 stainless steel bi-met
 EJOT Self drilling fasteners	JT3-FR2-4.9 x Length* Fixing panel to timber (can be supplied with S12 bonded washer)			
	35	Torx 25w	Timber	A2 stainless steel bi-met
 EJOT Self-tapping fasteners	JA3-LT- 4.9 x Length* Fixing aluminium / high pressure laminates to timber			
	38	Torx 20	Timber	A2 stainless steel
 EJOT Thread forming fasteners	PTS 60 x Length Secret fix of aluminium bracket to high pressure laminates			
	9.5 11.5 14.5	Torx 30	High pressure laminates	A4 stainless steel
 EJOT ACM fastener	JT4-FR-2H/6 4.8 x 22 x Length* Fixing & centering aluminium composite material to aluminium			
	22	Torx 25	8.5mm clearance hole	A2 stainless steel
 EJOT Facade panel fasteners	HPL rivet 4.8 x length* For fixing high pressure laminates to aluminium			
	18 23	N/A	Substrate 4.9mm Panel 4.9mm (fixed point) 10mm (sliding point)	Material - Aluminium/ Stainless steel *powder coated to match panel colour

* Can also be supplied powder coated to RAL reference to match façade panel



EJOT[®] APPLITEC centre

Unique facility in the UK



EJOT products always correspond to current technical standards. The competitive market and changing demands require a fast response to maintain this quality and to meet UK and European standards - before they are even issued.

That's why EJOT developed its unique Applitec centre; the most comprehensive fastener testing facility in the UK. It's here we undertake testing for all aspects of fastener technology, from simple dimensional and 3-dimensional analysis to testing the mechanical, structural and material dynamics of the product and within its application.

Our Applitec facilities and depth of knowledge, in combination with EJOT's extensive European resources, gives confidence and reassurance to system manufacturers in the selection of EJOT components for their products at home and abroad.

EJOT is a founding member of Rainscreenworks, a group of independent companies involved in different aspects of rainscreen design and manufacture.

EJOT[®]



With over **30 years of experience**, development and **technical expertise**, we understand the requirements for a fastener and its application on building envelopes. Our knowledge provides the base and source of our products and **EJOT's** solutions offer our customers real benefits.

The quality of our products **surpasses planning laws and legal requirements**. Our aim is to ensure quick and easy assembly.

We make a point of building trusting and friendly relationships with our customers. Our advisers offer **24-hour customer service** with technical back-up on site when required. In addition, **EJOT** offers expert industry knowledge through **training seminars**.

EJOT's UK manufacturing and supply base is complemented with **EJOT's Europe-wide sales and service network** as well as a worldwide project support team **always ready to help our customers at any time**, nationally and internationally.

EJOT Fastening Systems LP
9900 58th Place, Suite 100
Kenosha, Wisconsin 53144 USA

Tel: 262-612-3550
Fax: 262-721-1245

Email: info@ejot-usa.com

www.ejot-usa.com



rainscreenworks

CONSTRUCTION FIXINGS
association

EJOT The Quality Connection