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®

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 is a member of MCC Alliance (Modern Methods of Construction Alliance); a unique combination of like minded businesses with the experience and knowledge to deliver offsite architectural façade systems.

PRONOUNCED 'A YACHT'

NFRC
THE NATIONAL FEDERATION OF ROOFING CONTRACTORS LIMITED

MMC ALLIANCE

:rainscreenworks

THE METAL CLADDING & ROOFING MANUFACTURERS ASSOCIATION

SPRA
Associate Member

INCA

EJOT U.K. Limited, Hurricane Close,
Sherburn Enterprise Park,
Sherburn-in-Elmet, Leeds LS25 6PB

Tel: +44 1977 68 70 40
Fax: +44 1977 68 70 41
Email: info@ejot.co.uk
www.ejot.co.uk

EJOT The Quality Connection
08 - 10

Expertise

With over **30 years of experience**, development and **Made in Germany 'know-how'**, 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.

Quality and efficient assembly

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

Customer-friendly service

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 'know-how' through **training seminars**.

Global availability

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®

RAINscreen
F A S T E N E R S

Performance proven fastening system
Bring your concepts together beautifully

The Quality Connection
www.ejot.co.uk

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.
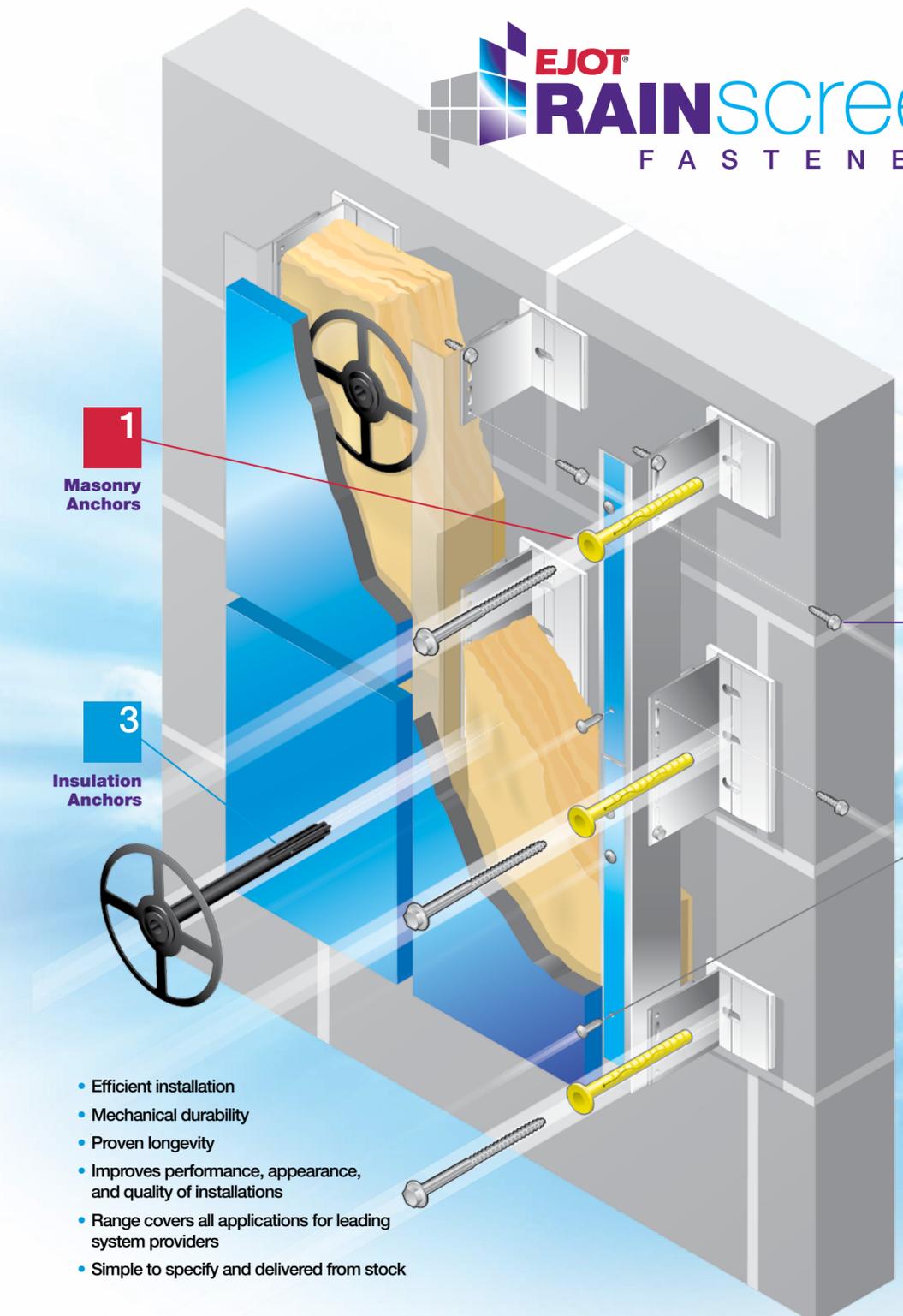
1 EJOT Masonry Anchors

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

Fastener	Length (mm)	Embedment (mm)	Hole Dia (mm)	Material
SDF-KB-10 x Length E — Metal sections and brackets to concrete and brick				
EJOT Screw Set Anchor	60 / 80 / 100-220	50-60	10	A4 stainless steel with nylon plug
SDF-KB-10U x Length E — Metal sections and brackets to concrete and brick with low compressive strength				
EJOT Screw Set Anchor	80 / 100-220	70-80	10	A4 stainless steel with nylon plug
SDF-KB-10L x Length E — Metal sections and brackets to honeycomb brick				
EJOT Screw Set Anchor	80 / 100-220	70-80	10	A4 stainless steel with nylon plug
SDP-KB-10S x Length E — Metal sections and brackets to aerated concrete				
EJOT Screw Set Anchor	80 / 100-220	70-80	10	A4 stainless steel with nylon plug
SDF-S-10 x Length E — Timber to concrete and brick				
EJOT Screw Set Anchor	80 / 100-220	50-60	10	A4 stainless steel with nylon plug
SDF-S-10U x Length E — Timber to concrete and brick with low compressive strength				
EJOT Screw Set Anchor	80 / 100-220	70-80	10	A4 stainless steel with nylon plug
SDP-S-10S x Length E — Timber to aerated concrete				
EJOT Screw Set Anchor	80 / 100-220	70-80	10	A4 stainless steel with nylon plug

Fastener	Length (mm)	Drive	Drill Capacity	Material
JT3-3-6.3 x Length — Fixing aluminium support bracket to light steel frame				
EJOT Self Drilling Screw	38 and 50	8mm hex	3mm steel	A2 stainless steel bi-met

Stud Anchors and Resin Anchors available on request
Anchor Suffix - 'E' for Stainless Steel & 'V' for Carbon Steel

2 EJOT Frame Fasteners

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

Fixing	Length (mm)	Drive	Drill Capacity	Material
JT4-ZT3-4.2 x Length — Fixing frame to aluminum support bracket				
EJOT Self Drilling Screw	13 / 16	Torx 20	3mm Aluminium	A2 stainless steel
JT4-ZT4-4.8 x Length — Fixing frame to aluminum support bracket				
EJOT Self Drilling Screw	19 / 25/	Torx 25	4mm Aluminium	A2 stainless steel
JT4-2-4.8 x Length — Fixing aluminum sections 0.9 to 2mm thick				
EJOT Self drill fasteners	19	8mm Hex	2mm Aluminium	A2 stainless steel
JT4-6-5.5 x Length — Fixing aluminium sections 2mm - 6mm thick				
EJOT Self drill fasteners	19 / 22 / 25	8mm Hex	2mm-6mm Aluminium	A2 stainless steel
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)				
EJOT Self drill fasteners	19	Torx 25w	4mm Aluminium	A2 stainless steel
JA3-LT- 4.9 x Length — Fixing aluminium to timber and high pressure laminate board to timber (aluminium requires a clearance hole)				
EJOT Self drill fasteners	38	Torx 20	Timber	A2 stainless steel
JT3-3-5.5 x Length — Fixing Aluminium or steel to steel (can be supplied with S16 or S19 bonded washer)				
EJOT Self drill fasteners	35 / 50 / 70	8mm Hex	3mm Steel	A2 stainless steel bi-met
JT3-12-5.5 x Length — Fixing Aluminium or steel to heavy section steel (can be supplied with S16 or S19 bonded washer)				
EJOT Self drill fasteners	40 / 67	8mm Hex	12mm Steel	A2 stainless steel bi-met

EJOT RAINscreen FASTENERS

Masonry Anchors — **1**

Frame Fasteners — **2**

Insulation Anchors — **3**
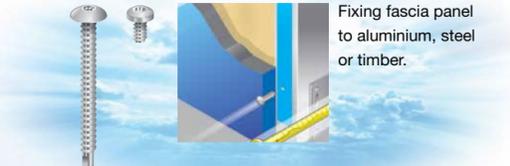
Fascia Panel Fasteners — **4**

- 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

The Quality Connection **www.ejot.co.uk**
Tel: +44 1977 68 70 40   Email: info@ejot.co.uk

3 EJOT Insulation Anchors

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

Fastener	Length (mm)	Embedment (mm)	Hole Dia (mm)	Material
DH 8 x Length — Fixing mineral wool to masonry				
EJOT Insulation Anchor	60 - 160	20 - 30	8	Polyethylene
DDA 8/25 x Length — Fixing rigid insulation to masonry				
EJOT Insulation Anchor	50 - 175	25	8	Polyamid
TID MR 8/35 x Length — Fixing fire barrier insulation to masonry (TID TR 80mm washer available)				
EJOT Insulation Anchor	80 - 250	50	8	A2 stainless steel
SBH-T 65/25 x Length (c/w SW8R fastener) — Fixing insulation to steel, timber and sheathing boards				
EJOT Insulation Anchor	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
JT3-D6H-5.5/6.3 x Length c/w TID TR washer and HTV 40/SS — Fixing rigid insulation to steel 1.5mm - 6mm				
EJOT Insulation Anchor	67 - 237	See page 20 of Building Fasteners Catalogue for specific applications	n/a	Fastener - A2 stainless steel / Washer - A2 stainless steel
TID-T 8/60 x Length — Fixing insulation to concrete and brickwork				
EJOT Insulation Anchor	75 - 295	35	8	Polypropylene body with plastic expansion pin
Adjustment Shims (AS) — (Snap onto EJOT fasteners including SDF and SDP screw set anchors)				
EJOT Adjustment Packers	1, 2, 3, 5, 8, 10,15, 30	50mm Sq	n/a	Polyamid

4 EJOT Fascia Panel Fasteners

Fixing fascia panel to aluminium, steel or timber.

Fastener	Length (mm)	Drive	Drill Capacity	Material
JT4-FR4-4.8 x Length* — Fixing aluminium panel to aluminium (can be supplied with S12 bonded washer)				
EJOT Self Drilling fasteners	19	Torx 25w	4mm aluminium	A2 stainless steel
JT3-FR3-5.5 x Length* — Fixing panel to light section steel (can be supplied with S12 bonded washer)				
EJOT Self drill fasteners	25 / 50	Torx 25w	3mm steel/ aluminium	A2 stainless steel bi-met
JT3-FR6-5.5 x Length * — Fixing panel to medium section steel (can be supplied with S12 bonded washer)				
EJOT Self drill fasteners	25 / 35	Torx 25w	6mm steel/ aluminium	A2 stainless steel bi-met
JT3-FR2-4.9 x Length* — Fixing panel to timber (can be supplied with S12 bonded washer)				
EJOT Self drill fasteners	35	Torx 25w	Timber	A2 stainless steel bi-met
JA3-LT- 4.9 x Length* — Fixing Aluminium / High Pressure Laminates to timber				
EJOT Self tapping fasteners	38	Torx 20	Timber	A2 stainless steel

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

Fastener	Length (mm)	Drive	Drill Capacity	Material
PTS 60 x Length — Secret fix of Aluminium bracket to high pressure laminates				
EJOT Thread forming fasteners	9.5 / 11.5 / 14.5	Torx 30	High Pressure Laminates	A4 stainless steel

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