



# EJOT® Iso-Team

Assembly elements for the reliable fastening of attachments to External Thermal Insulation Composite Systems (ETICS)

Building facades have to support a variety of attachments, such as awnings, marquees, railings, lamps, letterboxes etc. ETICS facades hold special challenges when it comes to fastening. The moment of installation as well as the acting loads of the attachment are decisive for the selection of the optimal assembly element.



## Planned installation

Before and during the completion of the ETIC system:

- The exact position of the attachment is already known.
- The assembly elements are integrated in the facade planning.

## Subsequent installation

After the completion of the ETIC system:

- The exact position of the attachment is not known yet and can be freely defined.
- Attachment is mounted to an ETICS facade which has already been completed.



**Iso-Corner**  
Approved fastening element for fastening medium-heavy to heavy attachments

Planned installation of attachments



**Iso-Spiral**  
Spiral anchor for fastening lightweight attachments



**Iso-Dart**  
Fastening system for fastening light to medium-heavy attachments

Subsequent, flexible installation of attachments



**Iso-Bar**  
Approved facade anchor for fastening medium-heavy to heavy attachments

The **Iso-Corner** is an installation angle with two mounting surfaces for a variable fixing position with up to two attachment points. Thanks to its continuous material (polyurethane hard foam), it contributes to the reduction of thermal bridges.

Together with three fastening kits which are tuned to the substrates, as well as an EJOT DELTA PT® screw for fastening the attachment in the installation angle, this results in a perfectly coordinated fastening system.

Additional work steps are not necessary because the EJOT DELTA PT® screw can be fastened directly.

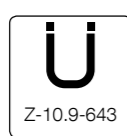
Products which are installed before or during the completion of the ETICS have an impact on the whole system and are thus sold exclusively by the system provider.

**Application examples**  
Railings | guardrails | folding and sliding shutters | consoles, e.g. for air-conditioning units etc.

**Iso-Corner fastening kits**



- One element - two installation surfaces
- On-site cutting to length possible
- Load application with a distance of 20 mm to the installation surface permitted
- Flexible screw position and number



The Iso-Spiral is a spiral-shaped plastic installation anchor including a sealing washer suitable for retrofitting lightweight attachments to ETICS facades which have already been plastered.

The anchor is inserted through the plaster layer directly into the insulation without pre-drilling.

**Application examples**  
Letterboxes | lamps | house numbers etc.

- No thermal bridging
- Reliable hold in the insulating material
- No pre-drilling necessary
- Easy and safe installation

The **Iso-Dart** comprises one installation bush made of glass-fibre-reinforced plastic including a high-quality EPDM sealing washer, one facade anchor (Ø 8 mm) and one reduction insert.

With the Iso-Dart, attachments can be mounted by taking up common Ø 9 mm coarse thread screws or Ø 9 mm hanger bolts with M10 neck thread as well as Ø 5 to 6 mm coarse thread screws with the accompanying reduction insert.

**Application examples**  
Downpipe brackets | signs & billboards | folding shutter latches | lamps etc.

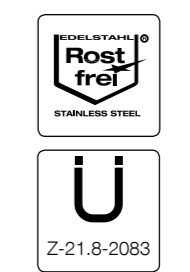
- Reduced thermal bridge effect
- Driving rain-tight sealing against the plaster shell
- High load-bearing capacity by anchoring to the substrate
- Easy and quick installation

The **Iso-Bar** is a thermally separated fastener with an M12 metric neck thread, made of stainless steel and additional sealing element. Due to the thermal separation, the Iso-Bar features a low thermal bridge effect and thanks to the provided EPDM sealing, it permanently seals the facade against moisture. The EJOT Iso-Bar is available in four lengths and thus ensures a completely flexible usage on-site.

The embedment with injection mortar can be done in concrete as well as solid brick or perforated brick.

**Application examples**  
Marquees | awnings | consoles, e.g. for air-conditioning units | trellis etc.

- Low classified thermal bridge effect
- Defined setting position with innovative assembly tools
- Deformation of the attachment without forcing tension
- Flexible adjustment to local conditions through on-site cutting to length



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