

**HILTI**

Hilti FOX-T Bracket

**MAXIMUM STRENGTH.  
MINIMISE THERMAL  
BRIDGING.**

**Hilti. Outperform. Outlast.**

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Hilti FOX-T Bracket

# MAXIMISE STRENGTH. MINIMISE THERMAL BRIDGING.

Thermal efficiency is high on the agenda for Project Managers and Architects and yet metal substructures still account for up to 50% heat loss in a ventilated façade.

Now, that all changes.

Our new Hilti MFT FOX-T Bracket is an innovative solution that prevents thermal bridging in substructures for ventilated façades, by minimising the thermal conductivity of the bracket and reducing the heat loss impact of the substructure below 3%.



## Minimised thermal bridging:

Glass-fibre reinforced plastic and aluminium composite design provides low thermal conductivity as well as extremely high strength.

Insulating material thickness can thus be reduced or (alternatively) a considerably higher U-value can be achieved, reducing the building's heating and air-conditioning bills.

## Fully compatible:

Suitable for use on all structural materials and compatible with all popular types of façade cladding systems.

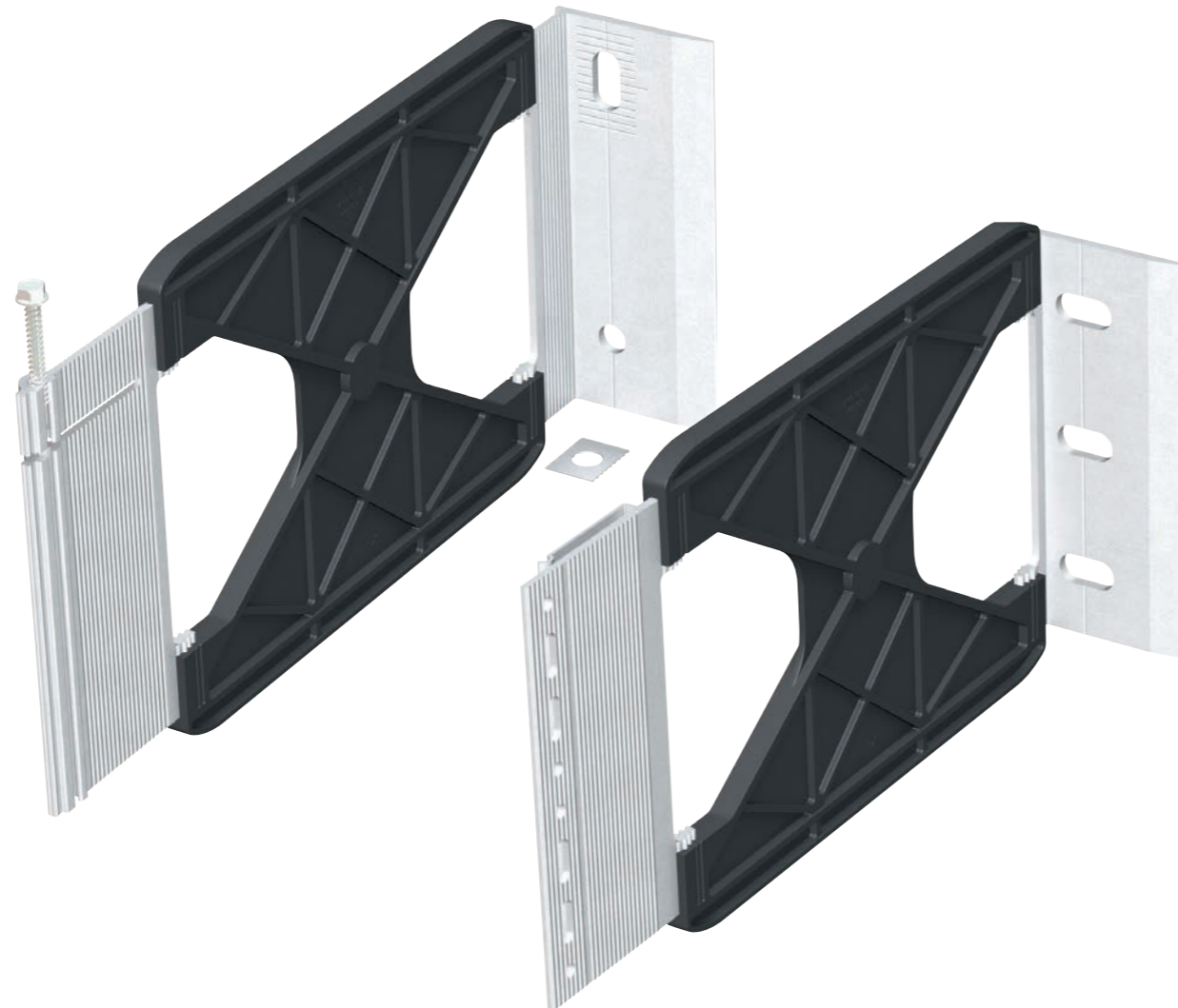
Solution for both vertical (FOX-VT) and horizontal (FOX-HT) applications.

## Easy-to-install:

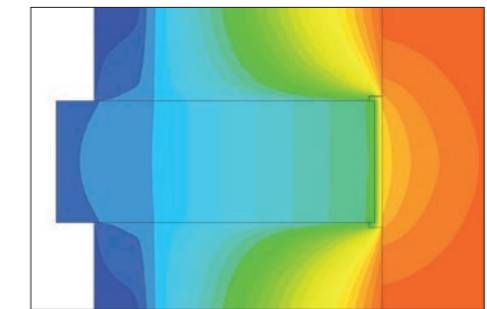
Available with mounting holes in a choice of diameters suitable for anchor, screw or direct fastening (DX) delivering greater flexibility.

Pre-assembled A4 stainless steel screws available for easy attachment of the loadbearing profiles (FOX-HT).

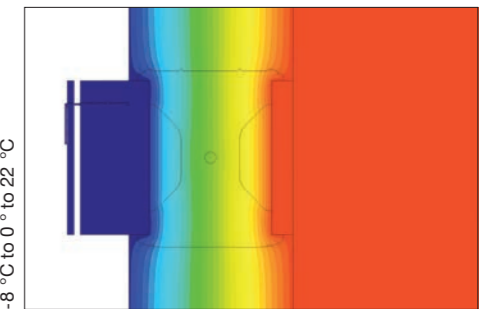
Innovative design for accurate positioning and fast mounting operation.



Heat transfer: conventional metal bracket



Heat transfer: FOX-T Bracket



As the thermal imaging simulation shows, conventional supporting structures have a negative effect on façade insulation. The new MFT FOX-T system however virtually eliminates thermal bridging, in compliance with EN ISO 10211-1.

The MFT FOX-T bracket has also undergone standard fire testing and holds the C-s1, d0 Euroclass fire classification.

## Hilti PROFIS Façade for static structural design and U-value calculation

Our in house engineering support team is on-hand to assist with full structural and thermal calculations using the latest Hilti PROFIS Façade software.

Hilti PROFIS Façade incorporates the U-value to accurately calculate the thermal properties of the facade.

For more information visit: [www.hilti.co.uk/engineering-services](http://www.hilti.co.uk/engineering-services)

