MFT-FOX-VT-1L-WOOD

Hilti facade system
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MFT-FOX-VT-1L-hidden clamps

Fiber-cement  HPL  Metal  Render  Composite

This is an interactive page! Click on the move-back button to jump back to the CONTENT AND OVERVIEW.
APPLICATION AND DESCRIPTION

MFT-FOX-VT-1L-wood

The system consists of thermal free wall brackets and profiles, and is specifically designed for vertical substructures in combination with wooden patterns in ventilated facades. Wall brackets are supplied with powder coated base plate, according to the method of installation to the base material - anchors, screws and direct fastening - with different hole geometries in the base plate (available hole geometries are shown in the catalogue, on HOL or on the following pages).

Wall brackets are designed with both fixed and flexible points to allow for thermal expansion of the profile. The fixed point takes the weight of the panels and substructure and the proportional wind loads, while the flexible point only assumes the proportional wind loads.

Vertical profiles are connected to the wall brackets with specially designed screws for fixed and flexible points. This allows virtually-frictionless sliding of the profiles against the wall brackets and keeps the profile connected by the fixed point in place. The flexible point makes sure that there are no additional loads on the substructure from the profile’s expansion forces.

The adjustment of the profiles against the wall brackets is supported with a ‘helping hand’. The helping hand keeps the profile in position whilst the profile is being fixed with screws, allowing a fast connection to the bracket. With this system, wall tolerances of up to 40 mm can be perfectly balanced. The wall brackets are available from 140 mm to 320 mm.

To avoid corrosion the base plate of the bracket is powder coated. Wooden patterns will be fixed with stainless steel screws into the mounting element.

Advantages:
• Flexible design using fixed and flexible points
• 40 mm adjustment capability of the profiles in the wall brackets
• Bracket length from 140 mm to 320 mm
• Brackets can be mounted using a range of methods - anchors, screws or direct fastening
• Avoiding contact corrosion by powder coated base plate
• Substructures can be designed with PROFIS Fa<;ade to generate technically-sound and economically-optimized solutions
• Can be used with all common cladding materials
VIEW OF CLADDING
MFT-FOX VT 101

Legend:
1. Base material
2. Anchor acc. to static
3. Bracket and isolator
4. Insulation
5. Fixing insulation
6. Mounting element
7. Self drilling screw
8. Ventilation gap
9. Fixing cladding
10. Cladding

This is an interactive page! Click on the move-back button to jump back to the VIEW OF CLADDING.
MFT-FOX VT 102

Legend:
1. Base material
2. Anchor acc. to static
3. Bracket and isolator
4. Insulation
5. Fixing insulation
6. Mounting element
7. Self drilling screw
8. Ventilation gap
9. Fixing cladding
10. Cladding

Vertical section-fixed point
MFT-FOX VT 102

Legend:
1. Base material
2. Anchor acc. to static
3. Bracket and isolator
4. Insulation
5. Fixing insulation
6. Mounting element
7. Self drilling screw
8. Ventilation gap
9. Fixing cladding
10. Cladding

This is an interactive page! Click on the move-back button to jump back to the VIEW OF CLADDING.
MFT-FOX VT 103

Legend:
1 Base material
2 Anchor acc. to static
3 Bracket and isolator
4 Insulation
5 Fixing insulation
6 Mounting element
7 Self drilling screw
8 Ventilation gap
9 Fixing cladding
10 Cladding

This is an interactive page! Click on the move-back button to jump back to the VIEW OF CLADDING.
MFT-FOX VT 104

Legend:
① Base material
② Anchor acc. to static
③ Bracket and isolator
④ Insulation
⑤ Fixing insulation
⑥ Mounting element
⑦ Self drilling screw
⑧ Ventilation gap
⑨ Fixing cladding
⑩ Cladding

This is an interactive page! Click on the move-back button to jump back to the VIEW OF CLADDING.
Legend:
1. Base material
2. Anchor acc. to static
3. Bracket and isolator
4. Insulation
5. Fixing insulation
6. Mounting element
7. Self drilling screw
8. Ventilation gap
9. Fixing cladding
10. Cladding

This is an interactive page! Click on the move-back button to jump back to the VIEW OF CLADDING.
Legend:
1. Base material
2. Anchor acc. to static
3. Bracket and isolator
4. Insulation
5. Fixing insulation
6. Mounting element
7. Self drilling screw
8. Ventilation gap
9. Fixing cladding
10. Cladding

MFT-FOX VT 106

This is an interactive page! Click on the move-back button to jump back to the VIEW OF CLADDING.
MFT-FOX VT 107

Legend:
1 Base material
2 Anchor acc. to static
3 Bracket and isolator
4 Insulation
5 Fixing insulation
6 Mounting element
7 Self drilling screw
8 Ventilation gap
9 Fixing cladding
10 Cladding

This is an interactive page! Click on the move-back button to jump back to the VIEW OF CLADDING.
Legend:
1. Base material
2. Anchor acc. to static
3. Bracket and isolator
4. Insulation
5. Fixing insulation
6. Mounting element
7. Self drilling screw
8. Ventilation gap
9. Fixing cladding
10. Cladding
MFT-FOX VT 109

Legend:

1. Base material
2. Anchor acc. to static
3. Bracket and isolator
4. Insulation
5. Fixing insulation
6. Mounting element
7. Self drilling screw
8. Ventilation gap
9. Fixing cladding
10. Cladding
MFT-FOX VT 109

Legend:
1 Base material
2 Anchor acc. to static
3 Bracket and isolator
4 Insulation
5 Fixing insulation
6 Mounting element
7 Self drilling screw
8 Ventilation gap
9 Fixing cladding
10 Cladding

This is an interactive page! Click on the move-back button to jump back to the VIEW OF CLADDING.
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Legend:
1. Base material
2. Anchor acc. to static
3. Bracket and isolator
4. Insulation
5. Fixing insulation
6. Mounting element
7. Self drilling screw
8. Ventilation gap
9. Fixing cladding
10. Cladding
### MFT-FOX VT Medium

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### MFT-FOX VT Large

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# BRACKET PROFILE ADJUSTMENT

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<th>MFT-L 60x40x1,8 6m</th>
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* The distance shown is valid for profile thickness of 1.8 mm.
### PRODUCTS RANGE

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