EQUITONE [TECTIVA] FIBER CEMENT FAÇADE PANELS

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Vertical L-profile is anchored to the back metal studs with stainless steel screws.
Backup wall Water Proofing -0 1/16"
Metal supporting frame and profiles.

Vertical T-profiles is anchored to the back wall with frame screws.

L shape Angle Bracket fixed to the backing wall with L profiles.

T-Profile fixed to the backing wall with L profiles.
The Panels are fixed with rivets to metal supporting frames. 13/16 in (20 mm) space is added to the planned cavity and insulation thickness between the wall and cladding, to allow for dimensional variations and the air flow in the cavity space, that helps to eliminate moisture. Vertical T-profile is anchored to the back wall with frame screws.
The EQUITONE panels fixed to vertical supporting T-Profile with rivets.

2 fixed points- rivet with sleeve and the rest are gliding points rivet without sleeve.
Internal Corner
Engle profile is used to support the panel edges. Engle profile is fastened to the back wall with L profile.

External Corner
Engle profile is used to support the panel edges. Engle profile is fastened to the back wall within 14 in of the corner using L profile.
Base Detail
Ends of the panel- above the ground level 10 13/32”, that prevents rain splash- back from the ground, and allows the air to enter the cavity. Perforated profile is fitted between panels and back wall to allow the air to enter the cavity and allow the rainwater to fall away from the building.

Parapet Detail
1 5/32” gap between the panel and the rear edge of the capping. The front edge of the capping overhangs the panel (2 in)
Window Sill Detail
3/8” gap between the panel and the base of the sill.
3/4” - distance between front edge and panel.
The sill extends down over the panel by 2”.

Window Head Detail
The opening between the head of the window is protected with perforated profile, that overhangs the rail by 1 in to form a drip.
Unitized curtain wall system and HALFEN HCW Curtain Wall Support System

- Spandrel Glass
- Curtain wall unit Mullion

HALFEN HCW Curtain Wall Support System
The HALFEN Anchor Channel is casted into the concrete slab. HALFEN T-bolts and special HALFEN Brackets are used to connect curtain wall facade elements to the channels.
HALFEN Anchor Channel

HALFEN Left and Right Brackets

Outside Corner

Inside Corner

Curtain wall unit