

ULTRACOMPACT FACADES FIRE RESISTANT & RETARDANT MATERIALS TRADING L.L.C

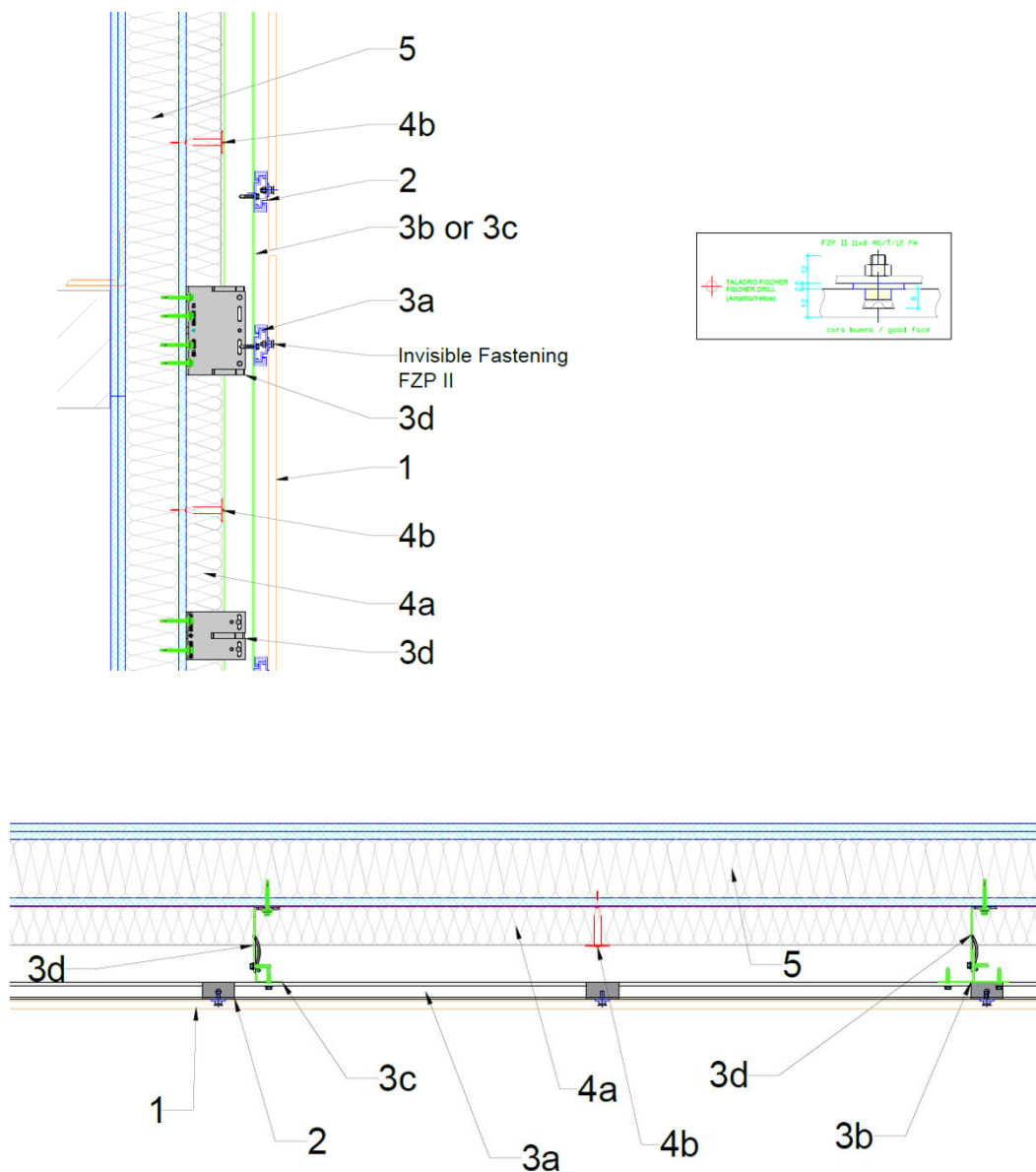
Design No. UFF/CWP 30-01

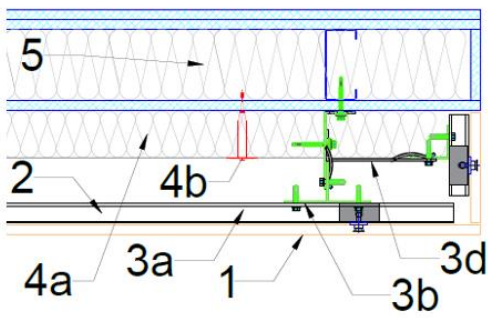
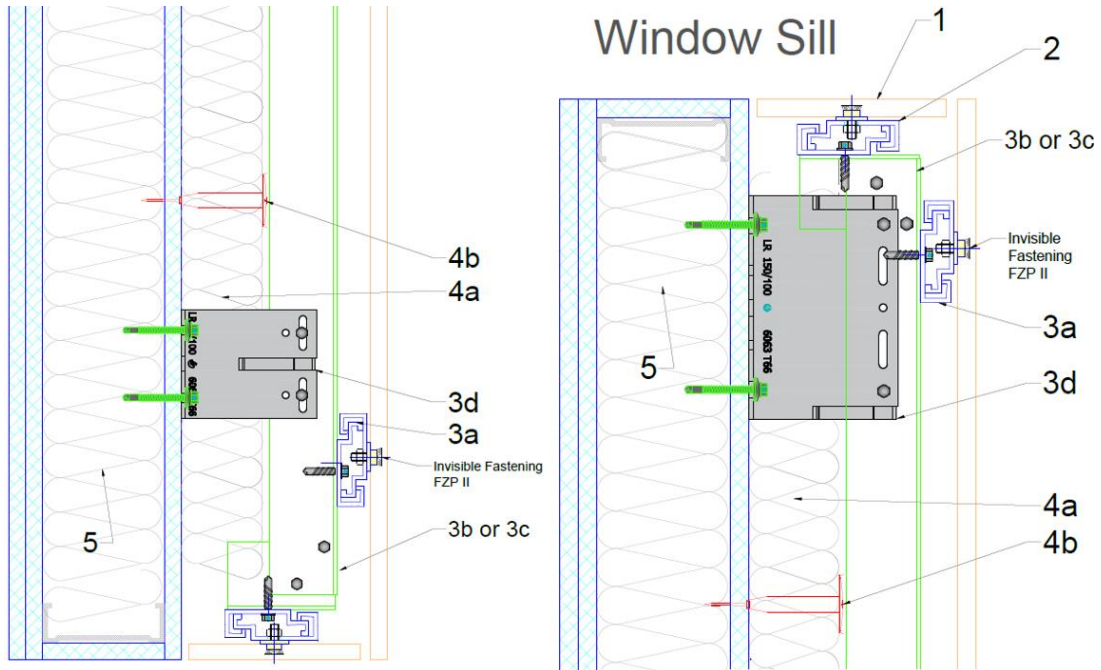
Exterior Non-Loadbearing Wall Assembly

VENTILATED FAÇADE SYSTEM WITH DEKTON® PROTEK CLADDING PANELS

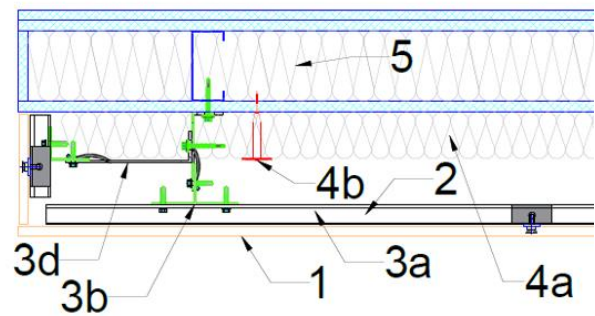
NFPA 285

Rating: Meets Conditions of Acceptance





Left Jamb



Right Jamb

**1. EXTERIOR CLADDING:** Composite Wall Panels

CERTIFIED PRODUCT: Cosentino Industrial, S.A.U.,
DEKTON PROTEK Panels

Attach min. 12 mm, max. 30 mm thick DEKTON PROTEK ultracompact ceramic panels to the horizontal profiles (Item 3a) using clips (Item 2). Horizontal and vertical joints between panels shall be 10 mm or less.

2. CLADDING ATTACHMENT: Fix 20 × 3 × 60 mm short or 20 × 3 × 80 mm long clips to the backside of the DEKTON PROTEK panels using FZP II panel anchors. Space clips according to manufacturer's installation instructions.**3. SUB-FRAMING SYSTEM:** Install the sub-framing systems using the following components. An airgap of 80 mm shall be maintained between the backside of the panels (Item 1) and the front face of the exterior insulation (Item 4).

- A. **HORIZONTAL PROFILES** – Fix 62 × 20.4 × 3 mm, aluminum horizontal profiles to T-shaped and L-shaped studs using 5.5 mm diameter × 10 mm long steel screws.
- B. **T-SHAPED STUDS** – Fix 110 × 52 × 2.5 mm aluminum T-shaped studs to supporting brackets using 5.5 mm diameter × 10 mm long steel screws.
- C. **L-SHAPED STUDS** – Fix 50 × 42 × 2.5 mm aluminum L-shaped studs to supporting brackets using 5.5 mm diameter × 10 mm long steel screws.
- D. **SUPPORTING BRACKETS WITH PLATES** – Fix 100 mm long × 150 mm high × 3 mm thick

aluminum supporting brackets with stainless steel plates to the base wall using 5.5 mm diameter × 50 mm long steel screws with neoprene washers. Fix 100 mm long × 80 mm high × 3 mm thick aluminum supporting brackets with stainless steel plates to the window header, sill, and jambs.

4. EXTERIOR INSULATION:

- A. **INSULATION** – Install a single layer of aluminum faced 60 mm, 60 kg/m³ ROCKWOOL THERMALROCK S60 insulation to the base wall between the supporting brackets.
- B. **INSULATION FASTENER** – Use 8 mm diameter × 60 mm long EJOT DH plastic insulation support anchors to fix the insulation to the base wall.

5. BASE WALL ASSEMBLY: Construct a non-loadbearing wall assembly that shall comply with the local Building Code or other applicable regulatory requirements as established by the local Authority Having Jurisdiction. The wall shall be one of the following non-combustible constructions:

- A. Steel stud framed wall assembly with interior gypsum wall board and exterior gypsum board sheathing.
- B. Concrete construction.
- C. Masonry construction.

6. WINDOW OPENING: Use 12 mm thick DEKTON PROTEK panels with short clips spaced 600 mm on center (oc) around the perimeter of the window opening.

Note: All dimensions are in millimeters unless otherwise specified. Imperial equivalents are approximate and provided for reference only.

Consult the listing report on the Directory of Building Products (<https://bpdirectory.intertek.com>) for the edition of the standard(s) evaluated.

Compliance of the assembly described in this Design Listing with the referenced standard relies on verification that the assembly constructed in the field is consistent with that described herein. Intertek certified products may be verified by the approved Intertek label; other products must be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.