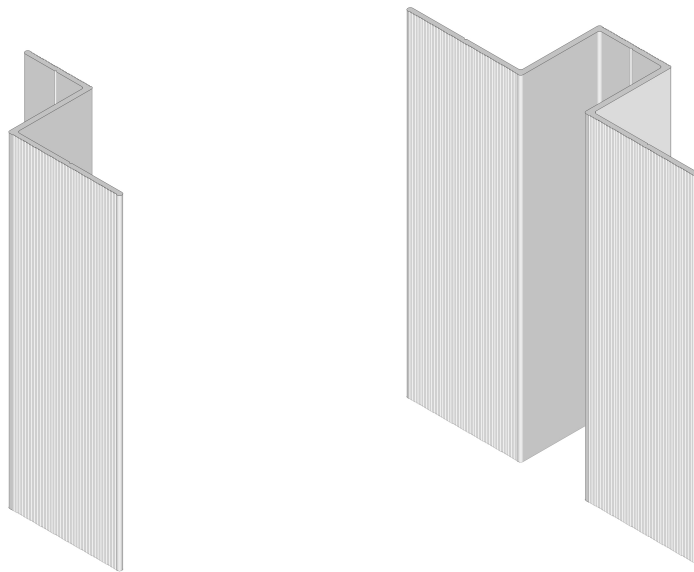


Method Statement - Installation Guide For Elemental Cladding Omega and Z profiles

General Description

Nvelope Cladding Profiles and Components are designed to provide a vertical or Horizontal support



These profiles are anchored to the building using a purpose-designed primary fixings.

Components

Nvelope's NV9 system has 40mm and 25mm deep omega (Top Hat) and “Z” profiles in 3000mm or 6000mm lengths.

Primary Fixings

The profiles are secured directly to a new or existing substrate of concrete, brickwork or blockwork or steel frames. Suitable primary anchors are employed to position the profiles to a pre-determined grid to suit the Panel layout – Please liaise directly with preferred Primary fixing supplier re pull-out.

If lightweight steel framing systems like Purlins or a Track / Stud framework is employed for this system, then it is important that this framework is erected to the same grid as the finished panel layout and that an engineered fixing device is used to fix the Brackets. In addition, if there is no sheathing board, the **isolation** of two different metals must be considered.

Important: the size and type of primary fixing for the Connectors will **always** be determined by the dynamic and dead loads they have to resist - Please liaise with Primary fixing supplier.

Vertical or Horizontal profiles

- Each Profile should be cut to the required length.
- Move the profile into its vertical or horizontal position - allowing 10mm 'expansion' between profiles.
- Check for line and level
- Secure the Profile using primary fixings to suit substrate

Important

Generally, Profiles are cut to lengths that reflect the height of the panel(s) that are going to be hung on them. Typically storey-height profiles are cut so that the Panel(s) are located on one set of vertical profiles and does not 'bridge' an expansion gap between two profiles.

Once all Profiles are installed to an area of cladding, final checks should be carried out: -

- On the primary anchor torque settings
- To the line and level of the profiles in relation to each other



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