MC600 Curtain Walling

Curtain Walling — MC600

Curtain walling cannot be treated in the same way as window or door installation. The following points should be taken into consideration when undertaking curtain wall design, fabrication and installation. It is **your** responsibility to ensure profiles and glazing meet your requirements.

- Correct profiles need to be identified to suit site conditions . Factors including screen sizes, fixing positions, glass weight, barrier loadings & wind loadings will need to be considered. The design process is also likely to include consideration of thermal, structural and acoustic requirements depending on the individual project.
- Detailed design drawings must be prepared to include all perimeter detailing & fixing/bracket positions. Sternfenster can provide profile section drawings only.
- All brackets and fixings must be designed to relevant structural codes. It is recommended that you seek advise from a structural engineer before any order is placed.

General Description

- MC600 is suitable for low to high rise installations in commercial buildings.
- MC600 Curtain walling is manufactured and supplied as a stick build system. On site the mullions are secured into position first then the transoms.
- All quotations are subject to confirmation of profile requirements and are based on a generic wind load of 800pa and being tied back to the existing building .
- For the correct profile requirements we require the **"design wind loading"** the frame needs to meet.
- Tie back, structural fixings, plates and brackets are not included nor supplied by Sternfenster.

Weather Performance

- BS EN 1026 : 2000 Air Permeability Class 4 600Pa
- BS EN 1027:2000 Water tightness Class 9A 600Pa
- BS EN 12211:2000 Resistance to Wind Load Class 3 2400Pa

Profile Sections

- Transom and mullions are 55mm wide
- Back box sections range from 50mm to 170mm
- Glazing cap with 28mm unit 64.5mm front to back