

Architectural Product Description

Crealco Clip44 Shopfront

General

The Crealco Clip44 Shopfront system was designed for the use of shopfronts and entrances. It is used in commercial applications like shopping malls, office blocks, industrial buildings, entrance halls and doors.

Profiles

The profiles are extruded using 6063 T6 Aluminium alloy and finished by being anodised or powder coated. Both the anodising and powder coated is available in a big range of colours.

The elevation width (excluding the glazing bead) off the frames, mullions and transoms is 30mm wide.

The elevation width of the head, sill and mid rail profiles varies from 50mm to 150mm with the option of wider heads, sills and mid rails by combining the profiles.

The elevation width of door stiles varies from 45mm to 90mm.

Doors

Single hinged doors, Double hinged doors, pivot doors, floor spring doors, concealed door closer doors, sliding doors and sliding stacking doors can be manufactured using the Clip 44 Shopfront system.

Height and Width Limitations

Height and width limitations will depend on combination of the application and wind load as per SANS 10400.

Please visit the Crealco website to view the recommended limitations for mullions and door leaf sizes.

Glazing

The system can be glazed with glazing material with a thickness of 4mm to 25mm and must be done as prescribed in SANS 10400-N

Hardware

All hardware for the system must be installed and used as per the Manufacturing manuals for the Clip44 system.

Please visit the Crealco website to view the different manuals available for the system.

Maintenance

To preserve and maintain the longevity of the Clip44 shopfront, it is recommended that the Cleaning and Maintenance Procedures for Crealco Products is followed.

Performance

Performance The system shall meet or exceed the requirements of SANS 613. To further assist professionals to design & specify energy efficient & structurally compliant Crealco windows & doors, Wispeco has developed a freely available software programme called the U-Solve calculator (Agreement certified), which calculates the actual whole window U-Values & SHGC, as well as calculates budget pricing on most aluminium systems. The Crealco website also offers limitation charts for the relevant systems, including wall charts, manuals & Revit families. For further compliance assurances, an FPD (Fenestration Performance Declaration) can be requested from the fabricator