

Architectural Specifications

Crealco Shadow Louvre System

General

The Crealco Shadow Louvre System shall be as supplied by Wispeco Aluminium & manufactured in accordance with the relevant Crealco manuals.

Materials

Materials shall be of 6063 T6 aluminium alloy & temper. The profiles to be designed so as to meet the required structural integrity for the relevant wind load as per NBR.

Features

The ellipsoid louvre profiles add an aesthetically pleasing look to any building whilst at the same time improving on the thermal performance as well as allowing ventilation & privacy from within a building. The louvres can also powder coated in different colours, thus giving a vibrant look to any structure. A bullnose profile is also available to compliment the ellipsoid louvres.

Construction

Outer frame to be constructed of profiles with sight lines of 42 mm. The ellipsoid profiles are constructed of tubular profiles with a sight line of between 116 mm & 25 mm. The louvres profiles are assembled & fixed with 6 mm threaded rod to the outer frame. The maximum louvre width is 2800mm.

Hardware

Outer frame to have angle cleats, while the louvre blades are assembled using 6 mm threaded rods.

Finish

Wispeco has a comprehensive range of colours including natural anodizing. All powder coating is according to standards as set out by SANS 1796:2010. Wispeco is also Ferro & Akzo Nobel approved applicators of powder coated finishes. Any powder guarantees required, need to be requested before the profiles are powder coated.

Maintenance

To preserve & correctly maintain the longevity of any of the Crealco products, please see the Crealco website for the Wispeco Installation, Cleaning and Maintenance Procedures for Crealco Products.

Performance

The system shall comply as per the manual or as required by an engineer.