



## CROSSFLOW CLS100Z LOUVRE VENTILATION SYSTEM

### Metal Louvres :

L10 Windows/Rooflights/Screens/Louvres

**Manufacture:** Crossflow Ltd. Unit 50 Hawthorn Road. Western Industrial Estate, Dublin 12. Telephone (01) 4279300 Fax (01) 4279301.

**Product reference:** CLS100Z Louvre Blade System. Blade mounted on mullions fixed to structure with adjustable stainless-steel cleats. Interface between building and louvre to be extruded aluminium casements.

**Blade System:** Blades are to be "Z" shaped and extruded from a minimum 1.6mm and maximum of 2mm thick aluminium. Expansion gaps need to be considered at 6mt maximum centres. Mullions and Blades are to be manufactured from extruded aluminium allot 6063 T6, complete with extruded aluminium blade clips to securely fix the louvre blade with a positive spring arm fixing action at maximum centres of 1225mm. Mechanical fixing of blade will not be allowed.

**Blade Pitch and Angle:** 45 degrees and 100mm pitch

**Special Features:** Louvre System to include integrated aluminium louvred doors and powder coated, 60 microns to BS8496. Door to incorporate the Crossflow CLS100Z Louvred Blade System complete with Euro-profile mortice deadlock with single cylinder/thumb turn, gas stay and stainless-steel pivot hinges, shoot bolt to top and bottom on double doors. All louvred corners are to be mitre cut.

**Insulated Blanking Panels:** 43mm insulated blanking panels on the rear of the louvres to fit between vertical mullions. Panels to have a phenolic foam core to achieve class "O" and plastisol coloured steel facing sheet on both sides to achieve 0.45W/M2K

**Finish:** All aluminium extrusions to be polyester powder coated 60 microns to BS8496 The polyester powder coat finish is to carry a 25-year guarantee warranty.

**Fixings:** All fixings to be A2 grade or better stainless steel. Colour to any standard BS or RAL.

**Installation:** By Crossflow Ltd. Unit 50 Hawthorn Road, Western Industrial Estate, Dublin 12. Telephone (01) 4279300 Fax (01) 4279301, Contact Barry Corcoran 0868206835