

Specification

Scope

All screens & doors shall be A.P.S. Limited AFG, single or double glazed, "Aluminium Flush Glazing System," ACD, "Aluminium Commercial Door System" & ABB, "Aluminium Box & Bead System."

Materials

All materials shall be manufactured from extruded aluminium alloy 6060 or 6063 T5 or T6 to BS EN 12020-2:2001/EN 755-9. Screws & all internal components where applicable shall be stainless steel.

Assembly

AFG, ACD & ABB systems shall be assembled with square cut profiles.

AFG system is screw assembled using screws & joint sealer.

ACD system is assembled using door brackets, tie rods, screws & joint sealer.

Glass is wedged in position with non-shrink TPR colour coded gaskets.

Recommended Hardware

Axim Concealed Transom Closer
Axim Top Loading Bottom Pivot
Axim Surface Mounted Closer
Haps Surface Mounted Adjustable Door Hinge
Axim/Savio Panic Bars / Latches
Axim/Savio External Access Device
Adams Rite/Axim Locks with Euro Cylinder
Adams Rite/Axim Locks with Round Cylinder
Axim Concealed Shoot Bolts
Axim Letter Plates/Boxes
Door Handles

Maximum Door Leaf Size / Weight

Door Leaf Configuration	Leaf Width (mm)	Leaf Height (mm)	Leaf Weight (Kg)
Hinged Door	1170	2400	120 Kg
Pivot Door	1170	2400	120 Kg
Manual Sliding	3000	2400	300 Kg

Screws & Fixings

Please ensure only Stainless Steel Austenitic A2/A4 screws & fixings are used in APS products.

Finishes

(a) Standard White RAL 9910 Hipca Satin Finish

(b) All exposed Aluminium surfaces shall be anodised or

(c) Powder Coating - All significant aluminium surfaces shall be polyester coated to BSEN12206 by an approved applicator. Certified to comply with BS 5750. The average film thickness shall be 60 microns

Marine Grade Painted Projects

As part of the paint warranty offered by the powder coating supplier, APS require all exposed aluminium edges to be touched in with paint to form a protective barrier, EG drainage holes, slots or cut edges of bead within the system used.

Profiles

For technical information & lengths of profiles etc. see Wall Charts & Manual

Installation

Installation shall be to the manufacturer's instructions & in accordance with the approved architect's drawings. The sub contractor shall be responsible for checking & re-adjusting if required.

Protecting & Cleaning

The responsibility for protection & cleaning of the materials included in this section shall be the sub contractors until installation is complete. The main Contractor is responsible for the final clean down & protection thereafter.

Note:- Each wheel for Manual Sliding Door carries 150 Kg weight.

Scope & Performance
AFG Flush Glazing System
ACD Commercial Door System



Date 1.1.07

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Rev B

Date 17.08.20

A-Door leaf increased for wheelchair access 20.7.2009

B Screw & Fixings note added

C

Revisions