

## COMMERCE 45mm Commercial Door System

### SYSTEMS

All Aluminium Framing Systems shall be Ezi Aluminium Systems Pty Ltd COMMERCE 45mm Commercial Door System. Associated Ezi Aluminium Systems suites such as the COMMERCE Centre Glazed, COMMERCE Double Front Glazed, COMMERCE Front Glazed, ALFRESCO Bi-Fold Systems, ENOVATION Sliding Door, ENOVATION Sliding Window, ENOVATION Awning Window, ENOVATION Double Hung Window and ENOVATION Operable Louvre Systems should be used if required in this project.

### COMPOSITION

All extrusion used shall be 6063 T5 Aluminium Alloy. All aluminium extrusion dimensions and tolerances will fall within commercial manufacturing tolerance ranges as published in AS1866 (Aluminium and Aluminium Alloys - Extruded rod, bar, solid and hollow shapes).

### FINISH

All powdercoated material shall be compliant with AS3715(Metal Finishing). All anodised material shall be compliant with AS1231(Aluminium and Aluminium Alloys - Anodic oxidation coatings).

### HARDWARE

All hardware, seals and accessories shall be in accordance with Ezial's Technical Systems Manuals.

### GLAZING

Systems must be glazed in accordance with Ezial's Technical Systems Manuals and be compliant with AS1288 (Glass in Buildings).

### TESTING AND PERFORMANCE

As Ezi Aluminium Systems Pty Ltd Systems are designed and engineered to perform to Australian Standards, all extrusion, hardware and accessories must be supplied by Ezi Aluminium Systems Pty Ltd to ensure that the individual components and the complete framing systems perform as designed. Systems must be constructed in accordance with Ezial's Technical Systems Manuals and be compliant with AS2047(Windows in Buildings).

Specific projects may require higher performance capabilities due to localised factors such as size, height, aspect etc. Please refer to the Ezial Windspan Tables for maximum panel height and width. For projects that fall outside these specifications, please contact Ezi Aluminium Systems Pty Ltd for project specific advice.

### INSTALLATION

Frames shall be installed level and square, fixed securely by screws and fasteners in a manner that ensures all forces and windloads are transmitted into the building structure through such fixings. All such framing is to be constructed, assembled and fixed to meet the requirements of AS2047(Windows in Buildings) and AS1170>Loading Code).

### FABRICATION

Systems shall be constructed as per the Ezial Technical Systems Manuals. All specified extrusions, screws, seals and hardware shall be supplied by Ezi Aluminium Systems Pty Ltd to ensure the installation performs as designed.