

# SKY EQUIPMENT WALL & CEILING ACCESS PANELS

## SKY EQUIPMENT INSTALLATION GUIDE



## INSTALLATION - GENERAL INFORMATION

### METAL ACCESS PANEL FLANGE FINISH OR SEAT BEAD

#### General Information

The Sky Equipment access panels are available in Standard Metal (Galvanised Steel), MDF acoustic (rated at RW30) & steel acoustic (rated at RW34). These access panels are all manufactured in a white matte finish. The panels have been designed to meet the International Standards & Australian/New Zealand Standards for manufacture & acoustic rating.

**AS1191:2002** : Acoustics: method of laboratory measurement of airborne & sound insulation of building elements.

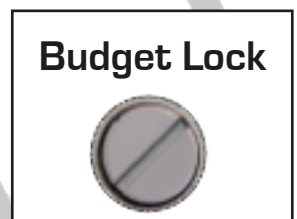
**ISO 140-3:1995**: Acoustics: method of laboratory measurement of airborne & sound insulation of building elements.

Sky Equipment access panels are designed for internal installation into plasterboard ceilings or wall partitions. The primary purpose is to provide access through the ceiling or wall for maintenance & services (i.e. plumbers & electricians)

#### Lock Types

Budget Lock is our standard lock for all access panels:

Standard Galvanised Steel Access Panels  
MDF Acoustic Access Panels  
Steel Acoustic Access Panels



#### Cut out Sizes & Finishes

Access Panel (mm)	Cut Out Size (mm)	Set Bead	Flange Finish	No. Of Locks
300 x 300	305 x 305	30mm	20mm	Single
450 x 450	455 x 455	30mm	20mm	Single
550 x 550	555 x 555	30mm	20mm	Dual & Single
600 x 600	605 x 605	30mm	20mm	Single

"Sizes above are general, Please check each access panel individually for the cut out size (always allow extra 5mm)"

## INSTALLATION - STEP BY STEP GUIDE: METAL ACCESS PANEL FLANGE FINISH OR SEAT BEAD

### How to install the sky equipment access panel:

1. Cut a whole in the plasterboard ceiling or wall to match the cut out size for the panel to be installed. (Refer to General Information on page 2)
2. Bend the metal tages (4) on the inside of the frame and insert the panel into the opening.
3. Ensure the door is opened so you can bend the metal tags & screw fix them into the support framing.
4. For set bead access panels you can add additional screws into the set bead to fix the panel into the ceiling or wall partition.
5. Access Panel must be installed level & square to ensure the door opens & closes smoothly.  
  
(For MDF panels, please make sure the access panel is installed whilst the door is still inside the frame).
6. Set the access panel with gyprock if required (for set bead)
7. Paint over the access panel if required.

# INSTALLATION - TOLERANCE REPORT

## METAL ACCESS PANEL FLANGE FINISH OR SEAT BEAD

### Tolerance

The below tolerance levels are applicable to the following access panels:

- Galvanised Steel Access Panels
- MDF Acoustic Access Panels
- Steel Acoustic Access Panels

Access Panel (mm)	Gap Tolerance	Door drop Tolerance
300 x 300	0-2mm	0-4mm
450 x 450	0-2mm	0-4mm
550 x 550	0-2mm	0-4mm
600 x 600	0-2mm	0-4mm

Gap Tolerance: Refers to the gap between the door and the frame (Set Bead or Flange Finish frame).

Door drop Tolerance: Refers to the access panel door drop (up or down) upon installation of the access panel into the ceiling or partition.

### Limitation as to Warranty and Tolerance Levels

Sky Equipment warrants that this product complies with Australian standards.

The installer or purchaser of this product warrants that they have carried out their own due diligence and testing with respect to tolerance levels.

It is the responsibility of the installer of this product to determine whether the tolerance levels of this product are suitable for their intended use and application.

Sky Equipment recommends that all Access Panels be installed into walls, ceilings or shafts as per architectural drawings and in accordance with the installation instructions.

Sky Equipment will not be held responsible for any claims of any nature resulting from the installation of its products or other associated products due to installation not in accordance with the recommendations of Sky Equipment or relevant Australian standards or due to the purchaser or installer's failure to identify the correct levels of tolerance.



## INSTALLATION - TOLERANCE REPORT METAL ACCESS PANEL FLANGE FINISH OR SEAT BEAD

### How to apply paint to our MDF Access Panels?

Our years of experience have exposed us to a popular misconception about MDF products which is, "that unlike solid wood, "MDF is stable; it won't expand and contract". This seems to be a commonly held belief, although as many of you already know, it is incorrect. As with solid wood, MDF is a hygroscopic material (meaning it readily takes up and retains moisture), thus its moisture content depends on the relative humidity and air temperature in the surrounding environment. As the moisture content of MDF changes, it is subject to dimensional changes.

Sealing and painting MDF should be done before exposed to any moisture. Recommended to be painted before installation to avoid dimension changes. Light sand of frame and MDF door before undercoating. Sand edges of the MDF before painting

#### Undercoating

Water based paint

3 in one undercoat water base primer.

#### Recommended brands

Dulux

Taubmans

Wattle

#### Oils based

Zinzer oil based Primer

#### Recommended

2 to 3 coats of paint after undercoat