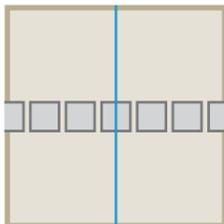


Installation Guide

Important!

Before installing the panels and crossbars, open the boxes and allow the material to acclimatize to the room for 48 hours.

Our Products



1. PREPARE THE INSTALLATION

Locate the centre of the ceiling space to be covered and use a chalk line to draw the room's centre line. Note that the main crossbars (fig. D) must be installed in the opposite direction of the joists.

Next, visualize how the panels will be placed by arranging them on the floor, leaving about a 2" space between them. Then determine if you have to install the ceiling beginning with centered tiles or centered crossbars.



2. INSTALL THE ANCHORS

Starting in the centre of the room, install anchors (fig. A) on every joist using the installation template (fig. F).

This template allows you to measure the correct distance between the anchors as well as between the anchors and the wall. Anchors must be installed on EVERY joist. Note that the distance between 2 anchors on the same main crossbar should never exceed 24". If the joists are not leveled, add furring strips to level.



3. INSTALL THE RAILS

Now slide the rails (fig. B) into the main crossbars (fig. D).

You will need about six rails for every main crossbar.

Because the rails have to support the weight of the ceiling, it's important to always use the required number of rails.



4. INSTALL THE MAIN CROSSBARS

You can now install the main crossbars (fig. D) by sliding the rails (fig. B) into the anchors (fig. A) that have been secured to the joists across the entire span of the room.

To avoid any pendulum effects during installation, we recommend that you install the main crossbars followed by 1 or 2 rows of secondary crossbars (fig. C), including any cut crossbars.



5. INSTALL THE TILES AND SECONDARY CROSSBARS

Add the panels (fig. E) and secondary crossbars (fig. C) by starting in the centre of the room and alternating on either side.

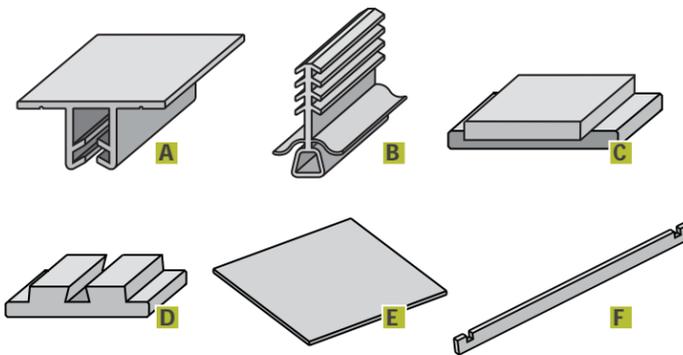


Figure A = Anchor

Figure B = Rail

Figure C = Secondary crossbar

Figure D = Main crossbar

Figure E = Panel

Figure F = Installation template



TIPS FOR FINISHING ALONG WALLS

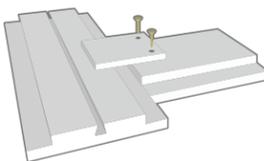
- Secure the last row of main crossbars against the wall.

- Measure the length needed between the last main crossbar and the wall, and cut secondary crossbar accordingly. Ensure a tight fit. This will ensure the entire structure is secure, and will reduce any movements in the components.

- Because you have cut one end of a secondary crossbar, you will need to add a wood peg to this secondary crossbar so that it can be inserted between the final two main crossbars.

How to make a peg when cutting a secondary crossbar

- Take a 2" x 3" leftover piece of panel and secure it to the unfinished MDF side at the cut end of the secondary crossbar. The extended piece will rest on top of the upper part of the main crossbar.



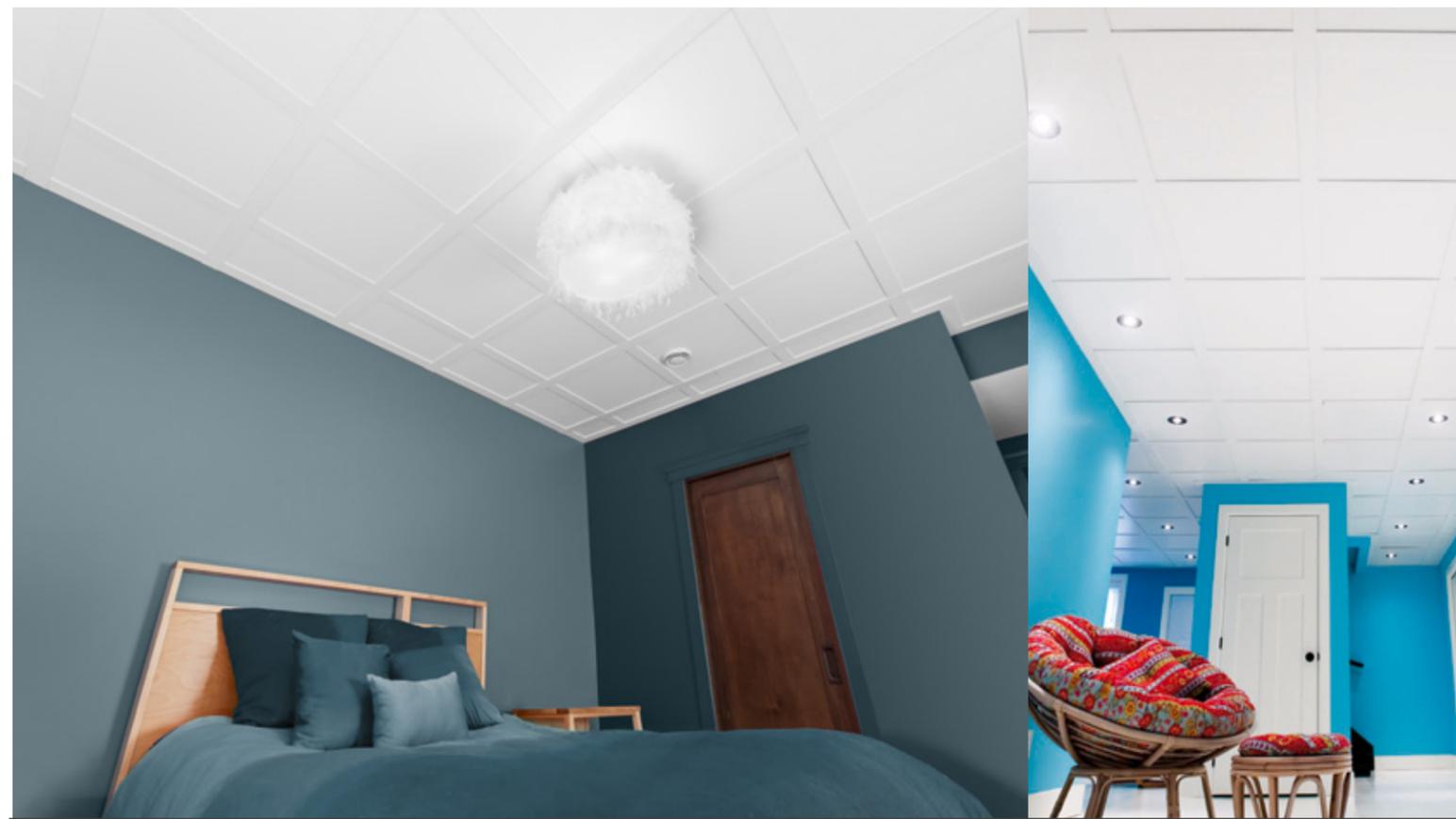
- Cut the panels that will be installed along the outer edge of the room to size. Avoid cutting the panels to a tight fit, as MDF is a material that expands and contracts with fluctuations in humidity levels. Leaving a small gap between the crossbars and the panel will allow for minor variations in dimensions.

TIPS FOR INSTALLING RECESSED LIGHTING

- Cut a hole in the centre of the panel to the dimensions of the light.

- Most recessed lights are designed to be installed on a standard suspending ceiling panel or on 1/2" thick gypsum. Since Embassy panels are 1/4" thick, we recommend adding leftover pieces of cut panels (taken from the hole cut for the light) and inserting them under the light's clamps, which will give a combined thickness of 1/2".

Product number	Description	Qty/pkg
P22WHB	White panel, 2' X 2'	4 pcs
M200WHB	White main crossbar	10 pcs
C201WHB	White secondary crossbar	10 pcs
RA20B	Rail and Anchor	Rail 10 pcs Anchor 10 pcs
G200	Installation template	1 pc



WARNING!

FOR ROOMS WITH A LARGE CEILING SPACE: The main crossbars should never be installed over a length greater than 35'. If the room is more 35' in length, divide it into two or more sections.

The Embassy ceiling system is not recommended for cathedral ceilings with a pitch of more than 4/12. Contact us for more details.

STANDARDS AND PROPERTIES

Embassy ceiling has a Class C fire resistance rating, and the same acoustic and soundproofing properties as gypsum.

Installation video

