

## INSTALLATION MANUAL · SLATTED CEILINGS

MDF slatted ceiling and slatted panel on the ceiling, over a metal frame and drywall

### INSTALLATION SYSTEM

The Barreto slatted ceiling is installed over a **metal frame** (perimeter angles, hangers and F530 channels) with **drywall boards**. Over the drywall, the ceiling is **glued with PU-40 and brad-nailed**. The same system applies to slatted panels on the ceiling. Barreto has its own installation team; if installing yourself, use a qualified professional. Installation is done by **two people**.

### EQUIPMENT AND MATERIALS

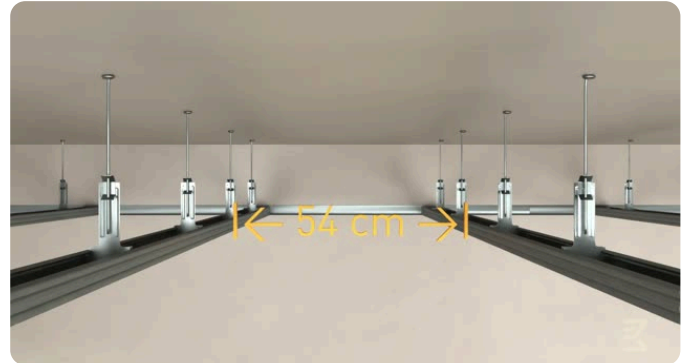
- PPE, laser level and leveling line
- Miter saw
- Compressor, pneumatic brad nailer and F35 brads
- PU-40 adhesive (or double-sided tape, on the ceiling trim)
- Screws and rivets, wire and hangers
- Perimeter angles, F530 channels and channel splices
- Moisture-resistant drywall boards
- Filler

### 1. LEVEL AND INSTALL THE PERIMETER ANGLE

With the laser level, mark the ceiling height on all walls and fix the perimeter angles along the walls, following the marks.

### 2. FIX THE HANGERS TO THE CEILING

Fix the rivets with the hangers and wire to the ceiling, aligned to receive the channels.



### 3. INSTALL THE METAL CHANNELS

- Fit the F530 channels into the hangers, **54 cm** apart.
- The first and last channels sit **5 cm** from the perimeter angle.
- Leave a **1 cm gap** between the channel end and the perimeter angle.
- Use the leveling line to keep all channels at the same level; join the channels with the splices.

**Caution:** do not screw the channels to the perimeter angles.

### 4. FIX THE DRYWALL BOARDS

Screw the drywall boards to the channels, leaving a **1 cm** gap from the walls.

**Caution:** do not fix the boards to the side perimeter angles, so as not to compromise expansion.

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PU-40 adhesive and F35 brads



Always staggered

### 5. INSTALL THE SLATTED CEILING

1. Apply beads of PU-40 adhesive to the back of the piece.
2. Press the piece against the drywall boards and fix it with the pneumatic brad nailer and F35 brads.
3. Leave a **1 cm expansion gap on all sides**, between the ceiling and the walls.
4. Always install the slatted ceiling or panel with **staggered joints** (alternating end joints).

### 6. INSTALL THE CEILING TRIM

Fix the ceiling trim with double-sided tape and PU-40 adhesive **to the side wall only**, never to the ceiling. This way it covers the expansion gap without locking the ceiling.

### 7. FINISHING

If needed, fill the joints and fastener holes with sealing filler. To finish, wipe with a damp cloth.

### TECHNICAL SHEET

**Product.** MDF slatted ceiling with melamine finish, and ceiling trim (crown trim) in the same pattern for finishing.

**Length.** 2.70 m pieces, installed with staggered joints.

**Box contents.** Number of pieces depends on the model, as stated in the price list and on the box label. The metal frame, drywall and fasteners are purchased separately.

**Application areas.** Indoor ceilings and covered outdoor areas, with no direct contact with rain or sun. Maximum recommended temperature of 50 °C.

**Storage.** Store boxes flat, off the floor, in a clean, dry place, with no weight on top.

**IMPORTANT:** failure to follow these instructions may compromise the bond and durability of the product and void the warranty. For questions, contact our technical support.

### CLEANING AND MAINTENANCE

Use only a cloth slightly dampened with water. If needed, use a soft sponge with mild soap and dry right away. Do not use abrasive products.

## WARRANTY TERMS · SLATTED CEILINGS

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### WARRANTY TERMS

**1. Scope.** These terms apply to MDF slatted ceilings and ceiling trim with melamine finish. The factory warranty covers:

- bent or warped pieces beyond manufacturing tolerance;
- width difference over 2 mm between pieces of the same code;
- pieces shorter than stated on the invoice;
- factory defects in the finish.

Remember: an installed product is considered ACCEPTED.

**2. Claims.** Barreto responds within 7 business days to anyone who registers a claim with customer service. Contact must be made by the customer holding the Barreto invoice (retailer, reseller or distributor).

**3. Technical assistance.** Within 30 business days after notification, Barreto may, at its discretion: replace the product, replace the defective part or repair the product.

### 4. The warranty does not cover:

- installation other than as shown in this manual;
- irregular walls, with bulges, unevenness, texture, moisture or uncured paint;
- use in wet areas, outdoors or in direct sunlight, when the product is not suited for it;
- misuse, impact or maintenance other than as recommended;
- paint or adhesive tape applied by the customer over the factory finish;
- dimensional changes caused by temperature (expansion);
- loss of gloss and slight tone variation between sample and product.
- installation without the 1 cm expansion gap or with the ceiling fastened to the perimeter angles;
- metal frame, drywall and fastening materials, which are not supplied by Barreto;
- water infiltration, leaks or moisture coming from the roof or slab.

**5. Term.** 5 years from the date of the purchase invoice issued by Barreto.

Barreto is not responsible for product installation. Barreto may update this document without prior notice.