



NOËL & MARQUET
DESIGN ELEMENTS

2



Chair rails

Installation manual

05-2025

Chair rails general



LAYING SURFACE

- Clean, dry, free of dust, degreased and flat.
- If there is existing wallpaper, check its adhesion.
- Apply a primer on highly absorbent substrates.
- Apply a primer on wood.
- Apply a primer on metal.
- Clean tiling.
- Sand down varnished surfaces.

PREPARATION



- The VARIO mitre box can be fixed to the worktop or the staging with the existing aluminium brackets using two clamps (not included).
- Determine the height of the chair rail on the wall and mark the position on the wall using a chalk line or a laser level.



- The position of the chair rail could be determined with the help of the golden section, taking into account the light switches and sockets. The following numbers help: 5 - 8 - 13.
- Divide the wall height by 13, lower part times 5, upper part times 8.
- Example: wall height 260 cm: $260 \div 13 = 20$, $20 \times 5 = 100$, $20 \times 8 = 160$, therefore lower part 100 cm, upper part 160 cm.
- The chair rail is mounted on the dividing line.



Inner corner



Outer corner

- Measure the angle of the corner of the wall using the adjustable set-square.



CUTTING

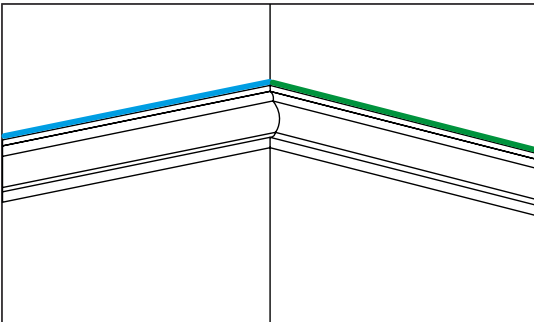
- Place the adjustable set-square flat in the bottom of the mitre box, one side resting against the vertical part of the mitre box.
- Measure the distance between the two ends of the set-square.
- Divide this value by 2 and set the saw guide to the value obtained.
- Ensure that the saw passes through the middle of the adjustment screws, correcting the position as necessary.

The procedure applies to both corners inside and outside angles (mitre).

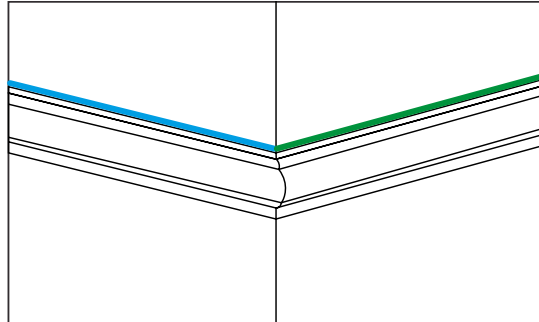


- Cut the chair-rails to size in the mitre box using the ARSTYL®/ WALLSTYL® saw.
- When using an electric mitre saw to cut WALLSTYL® chair rail, the blade must be suitable for synthetic materials.

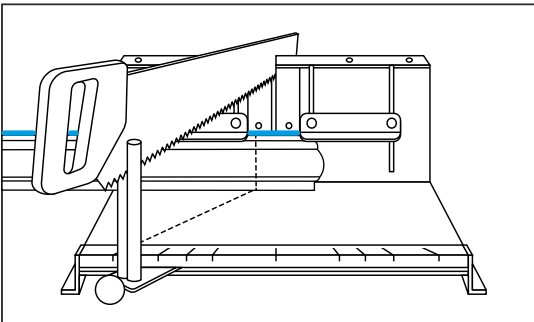
INNER CORNER



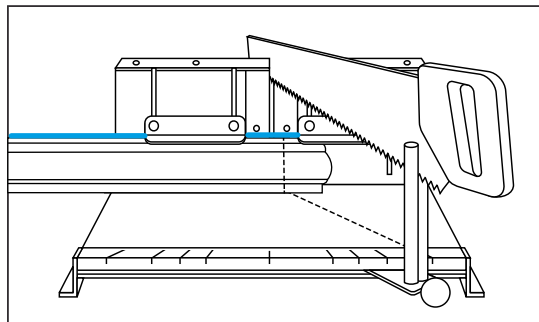
OUTER CORNER



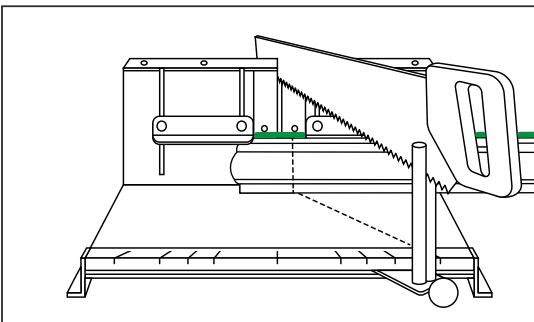
INNER CORNER LEFT



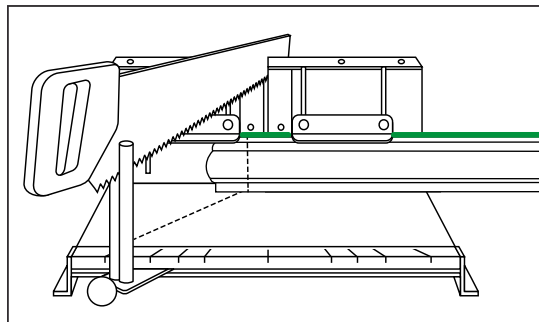
OUTER CORNER LEFT



INNER CORNER RIGHT



OUTER CORNER RIGHT



- Lightly sand the cut edges and the edges of the moulding with fine sandpaper (150 grit or less) or cutter and remove the sawdust with a damp sponge.



INSTALLATION

- Using a cartridge gun, generously apply the ADEFIX® adhesive in a continuous bead on gluing surfaces (see GLUE CONSUMPTION).



- Position the chair rails against the wall; strengthen their attachment if necessary with steel nails or dots of hot glue.

- WALLSTYL® and ARSTYL® mouldings with a height / span smaller than 8 cm and NOMASTYL® profiles: apply ADEFIX® adhesive to the cuts and corner mitres so that it forms a 3 mm joint.

- WALLSTYL® and ARSTYL® mouldings with a height / span more than 8 cm: apply ADEFIX® PLUS adhesive to the cuts and corner mitres so that it forms a 3 mm joint.

The adhesive should not make a bead when the mouldings are pressed against one another. If necessary, the ADEFIX® PLUS adhesive can be removed cleanly with white spirit.



- Leave the glue to dry (min. 6h) then finish the joints with ADEFIX® adhesive.
- Finish the wall joints as well as the mitre joints with ADEFIX® adhesive.
- Leave to dry (min. 6h). Apply the paint finish during the next 4 weeks (see FINISH).



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Curves for Chair Rails



In the NOMASTYL® range, the chair rail and corresponding curve have the same letter.

O can be associated with O16.

In the ARSTYL® range. The Z10 chair rail can be associated with the Z101, Z102, Z103 and Z104 curves.

SP2-5 matched to SP2; SP3-4 to SP3.



PREPARATION

- Determine the placement of the wall frames.



- Mark the location of the frames on the wall or ceiling; if necessary use a spirit level or a plumb line.



OPTIONS

CUTTING

- For curves curving towards the inside of the framework, cut the straight sections of curve along the mitre.
- Lightly sand the cut edges with fine emery paper (150 grit or less) or the cutter and remove the dust.



- Adjust and mark the curves on the wall.



INSTALLATION

- Apply ADEFIX® adhesive to the back of the curve.
- Place and adjust the position of the curve.
- Apply a bead of ADEFIX® adhesive to the mounting surfaces on the back of the chair rail. Glue the mitre (see GLUE CONSUMPTION).



- Place and adjust the position of the chair rail. Adjust the height of the chair rail.
- With ADEFIX® adhesive. Ensure there is still a glue joint with a width of 3 mm in the mitre.
- Place the other curves and chair rails.
- Leave the glue to dry (min. 6 hours) then finish the joints and mitres with ADEFIX® adhesive.
- Leave to dry (min. 6h). Apply the paint finish during the next 4 weeks (see FINISH).



- For curves curved outwards, you can use the factory cut mitres (45°) and possibly provide another additional change of direction.
- For ceiling framing with outside corners, do not use these curves in these corners.



STOPPING A CHAIR RAIL

- Place the chair rail in the mitre box (lower edge of the chair rail under the sliders).
- Make a cut at 45° above the outer edge of the chair rail (outer mitre cut).



- Make the counter-cut.



- Sand down and dust off the cut edge, then attach the chair rail with adhesive.



You can also make the elbow using hot glue. This allows the chair rail to be positioned after just a few minutes, without the risk of inaccuracies in the outside mitre.