



# Installation and care instructions

## Decorative panels



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## Preparatory measures | General information



All moderna decorative panels are suitable for humid rooms.

Please be aware when planning that the moderna panels are only suitable for indoor use. You should also take care not to expose the humid room panels directly to splashing water. It is important to acclimatise the panels before laying them. You can do this by storing them for approx. 48 hours in the centre of the room you want to work in. Do not store the packages in front of damp or freshly wallpapered walls. Before you install the panels, the conditions must comply with the general requirements for the installation of wooden materials in interior rooms. To this end, make sure that the walls and ceilings are dry, i.e. that they contain a maximum residual moisture of 5%. All windows and doors should also have been installed and a room temperature of approx. 20°C and approx. 30–65% relative humidity must prevail. If you notice or expect a lower level of humidity, appropriate measures must be taken to increase the humidity otherwise joint openings may occur.

As the panels are only suitable for indoor use, you should also refrain from using them in home conservatories or skylight linings due to the high incidence of sunlight and the associated temperature fluctuations. Do not expose the decorative panels to long-term temperatures of over 100°C (e.g. ceiling spotlights or heating). Please avoid any silicon products coming into contact with the panels. Before installation, check all panels in daylight for recognisable faults in colour and structure. Goods already installed cannot be claimed for later. You need an expansion joint if your installation surface is longer or wider than 10 metres. You can cover this with a suitable piece of border moulding.

In terms of a fixing claw, please use panel claw no. 2 from moderna (pack of 250 pcs sufficient for approx. 15 m<sup>2</sup> with a panel width of max. 200 mm / approx. 20 m<sup>2</sup> with a panel width of max. 300 mm) and the corresponding screws. This stable claw fitment is optimally suited to high load capacities and effective widths of over 130 mm.

# Decorative panels installation and care instructions

During installation, make sure that air can also circulate behind the wood panelling (possibly provide batten backing structure). You must avoid trapped air. It is also important during installation that you allow a gap of at least 10–14 mm next to all walls and other fixed elements (expansion joint), (Fig. 1).

When installing decorative panels in humid rooms (e.g. bathrooms), the following points must also be observed: The panels are not suitable for use in areas directly exposed to splashing water (such as showers or home swimming pools). It is essential to ensure air can circulate behind the wood panelling; if necessary, you should create a batten backing structure as a substructure so that no trapped air accumulates (see Fig. 2 for batten backing structure). Only use metals that are protected against corrosion in the assembly.

Start with the substructure, installing dry, single-side planed battens if possible with a minimum cross-section of 20×40 mm. The battens should be spaced no more than 40 cm apart. The battens must be installed crossways to the panel length and fixed so that there is an even substructure. Please use suitable plugs or screws to screw the substructure to the raw ceiling or wall at intervals of 40–50 cm. Correct any slight unevenness in the wall/ceiling by placing small wooden wedges underneath the battens.

To avoid damaging the surface, be sure to note the following when sawing the elements: The decor/veneer side should be face up when using a bench saw or face down when using a jigsaw or hand-held circular saw.

Start by installing the first complete panel in the left-hand corner of the room with the tongues facing the wall. The tongue has to be sawn off the first panel on both the short and long edge. With all the next panels in the first row, only remove the tongues along the long edges.

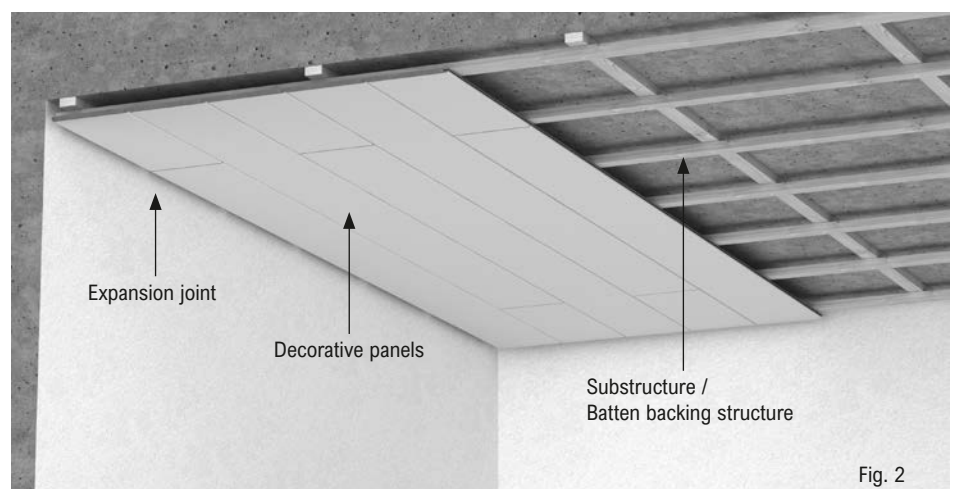
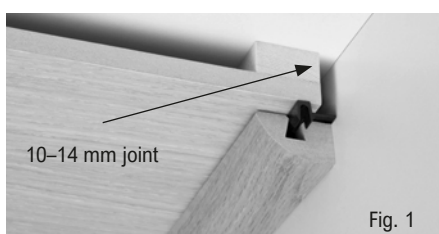
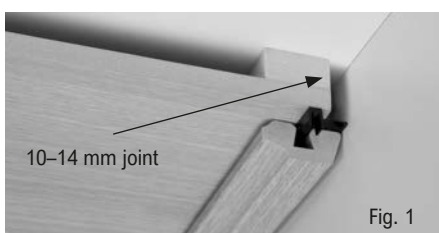
Align the first panel with the groove side facing the centre of the room and fix it right next to the wall area with standard countersunk head screws measuring 3.0×25 mm so that they are covered again later by the ceiling edging. In doing so, leave a gap of 10–14 mm to the wall all around. Now slide the claw fitments into the panel groove and screw them to the substructure. Make sure that the panel is fixed to each substructure batten with claw fitments. Attach the next panel by inserting the tongue into the groove and fix in place using the claw fitments as before. Continue laying row by row in this way. Trim the last panels in every row so that there is at least a 10–14 mm gap to the wall.

To cut the last row to size, use a spare piece of panel and draw the remaining panel width on it (leaving at least a 10–14 mm gap to the wall). Secure the panel right next to the wall area with standard countersunk head screws measuring 3.0×25 mm like the panels in the first row.

To cover the all-round expansion joints and enhance the overall aesthetic appeal, use moderna ceiling edging. moderna corner mouldings, hinged moulding strips and Scotia mouldings are also available, providing a wide variety of solutions to issues such as transitions in sloping ceilings, skylight edging, and lintel cladding. Please avoid bringing any silicone products into contact with the mouldings. If disassembly is required, start with the last panel laid.

## Cleaning and care

Clean the panels occasionally with a damp (heavily wrung) cloth that has been previously washed in clear water. Do not use any scouring creams or powders, as these agents can damage the surface of the panels.

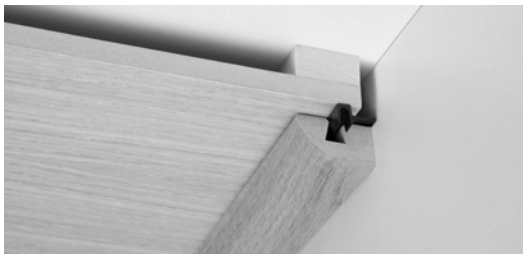
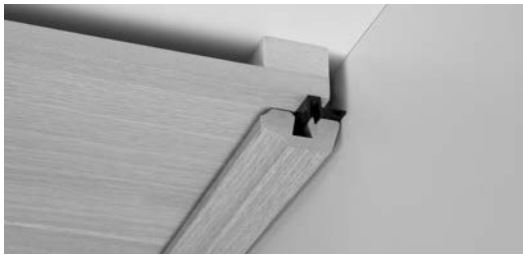




## Mouldings for decorative panels

### moderna moulding range at a glance

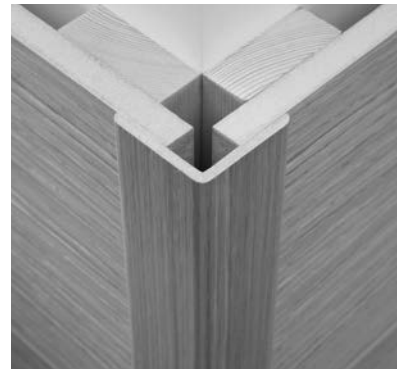
With matching panel mouldings, you always have everything perfectly under control. Practical, clever and easy to install.



**Edging and cover mouldings** guarantee clean edging for walls and ceilings:

- | Untidy wallpaper edges are not visible.
- | The installation-related shadow joint is covered.

moderna panel mouldings facilitate quick and invisible moulding installation.



**Corner mouldings** are the ideal corner mouldings for 90° external corners. They can be attached in combination with wood paneling or inserted in the groove. What's more, since the moderna corner mouldings can be cracked, you can also use them for larger geometric angles. As a decorative element, these can be used in a variety of different ways throughout the living area.



**Scotia moulding** can be used in a variety of ways, including as a corner joint with wood panelling or as a skirting board.

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