

Our structured glass for windows and doors



* Special structure

Glass is not easy to display in print and might deviate from the original in both colour and structure. To avoid confusion, please compare the sample glass at your **Internorm 1st window partner**.

Condensation – sign of quality: Internorm windows have excellent thermal insulation and air tightness. This not only prevents drafts, it also saves on heating, and keeps out noise. Due to physical conditions, condensation may occur. This might be seen as an issue, however, it is actually a sure sign that the window is performing and offers good thermal insulation properties.

Condensation on the outside: After cold nights, the glass panes can mist up on the outside because good thermal insulation ensures that very little heat escapes from the inside to the outside of the window. This means that the outer pane stays relatively cold and the ambient moisture, caused by the temperature difference between the air and the window surface, can become visible on the cool glass surface in the form of condensation (small water droplets that limit what you can see through the pane). However, this effect only occurs during morning hours and if the window is in a certain position in the house. It disappears again as soon as the temperature rises.

Condensation on the inside: Due to water vapour from kitchens, bathroom or simply breathing, particularly in bedrooms, the humidity of the air increases in interior spaces. If you do not ventilate rooms regularly, this humidity can quickly form as condensation on your windows.

You can find more tips and tricks on how to avoid condensation on our homepage and in the **“Internorm User Manual, Care, Maintenance, Warranties”**.

ESG (toughened safety glass) and insulating glass

Most insulating and toughened safety glass used in Internorm products is made in-house. We are independently driving progress and trying to meet the demand for innovative and highly insulating glass solutions.

Thermal insulation glazing

Wafer-thin stainless-steel coatings and noble gases, such as argon or krypton, are inserted into the space between the panes and provide perfect thermal insulation. If you opt for triple thermal insulation glazing instead of double glazing, you can incorporate 40% more glass areas without increasing your heating costs.

Security glass

If sufficient force is applied to ESG (toughened safety glass), it breaks into blunt-edged, loosely connected crumbs. VSG (laminated safety glass) shatters, but is attached to a tear-resistant, viscoplastic intermediate layer. The risk of injury is therefore very low.



Design glass for doors

A range of techniques such as fluted bevel, sandblasting, glass decorative trim or colour fields are used to create the design glass.



Motif glass for doors

Depending on the desired decorative element, you can decide whether the look is also repeated in the side light or in the glass feature. These feature lines continue from the door itself and are available in different options.

Please note that not every glass can be used with every system.



Clear surface area with sandblasted stripes



Sandblasted surface area with clear stripes and clear glass edges



Sandblasted surface area with clear stripes