



MORE RESISTANT

DURITEC® AND DURITEC® HS

The choice of glass and its correct solution can be decisive to guarantee the durability and success of a project. The product range mentioned below is based on glass subjected to heat treatment that augments its thermal and structural integrity. Heat strengthened tempered or tempered with follow-up treatment of HST.

➤ TYPES

Duritec® HS is heat-strengthened glass, twice as strong as annealed glass. They undergo a heating and cooling process that increases their thermal and structural integrity. It is not considered a safety product, but it has an additional resistance to annealing. It complies with the requirements of the EN 1863 standard. Intended for applications which do not necessarily require the use of safety glass.

Duritec® Tempered glass, four times stronger than annealed glass, and which, in the event of breakage*, breaks down into small, non-cutting fragments. This makes it a transformation known as "safety glass" according to the requirements of the EN 12150 standard.

* To reduce the risk of spontaneous breakage of tempered glass, it is recommended to carry out the Heat Soak Test (HST), regulated by the EN 14179 standard.

➤ SAFETY GLASS

Duritec® are safety glasses with the properties necessary to withstand the impact of a person's intentional attacks pursuant to the EN 12600 standard.

Safety classification

EN 12600	Duritec® Printed Glass ≥ 50% : 1(C)3	Other glasses* Duritec® : 1(C)1
----------	---	--

* minimum thickness 4 mm

Duritec® and Duritec® HS can be combined with more glass panes. Once it is transformed into laminated glass, it becomes "safety glass". More information on the Lamistar® data sheet.



➤ Uses

- Large glazing or high traffic locations.
- General and safety glazing (only Duritec®).
- Sliding doors.
- Building entrances.
- Partition walls and internal divisions.
- Other uses requiring greater strength and safety.