

Specification

Technical properties for stock sizes

TP

RESTOVER®

RESTOVER®

RESTOVER® is a clear machine drawn Fourcault glass with slightly irregular surface. It is similar to old window glass.

RESTOVER® LIGHT

RESTOVER® LIGHT is a clear machine drawn Fourcault glass with slightly irregular surface. It is similar to old window glass.

RESTOVER® PLUS

RESTOVER® PLUS is a clear machine drawn Fourcault glass. In comparison to Restover® and Restover® LIGHT, RESTOVER® plus shows a considerable more irregular surface texture. It is similar to the hand-blown glass.

The subsequent properties are based primarily upon the measuring results of the very latest standards and measuring methods. They are defined in corresponding „Measuring and Test Procedures“. We retain the right to change the data in keeping with the latest technical standards. Non-toleranced numerical values are reference values of an average production quality.

Values marked with \diamond do not apply to the type of glass or no values are available.

Requirements deviating from these specifications must be defined in writing in a **customer agreement**.

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1.0 Thickness																	
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<p>Thickness other than those 1.0 must be inquired about separately.</p> <p>Thickness variation / Wedge</p> <p>As a consequence of the manufacturing process there can be local variations in the spread of thickness, which range as a maximum within the framework of the permissible tolerance on thickness.</p>																	
2.0 Dimensions																	
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<p>For production reasons the panel width indicated can vary by +100 mm/-200 mm. Special sheet formats upon request</p>																	
3.0 Rectangularity/Squareness																	
<p>Deviation of the panel edge from rectangularity is advised in mm/m of edge length. A maximum deviation of 10 mm/m is permissible.</p>																	
4.0 Cut edge quality																	
<p>Spalling which occurs as a result of cutting and handling is permissible in the whole of the edge area. The size of the spalling may not, however, exceed the thickness of the glass.</p>																	

VW 0050/1e

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5.0 Warp

As a certain amount of warping cannot be avoided as a consequence of the manufacturing process, an increased deviation from the flat is to be expected with RESTOVER® panels compared with other types of flat glass.

The deviation of the surface of the glass from an ideal flat condition is a maximum of 0.8 mm with reference to a 320 x 320 mm surface.

6.0 Qualitative features

Definition: Features are all imperfections in the glass resulting from the melting or handling processes, which could possibly influence the suitability for the use of the product (e.g. bubbles, stringy knots, stones, scratches).

Imperfections which break the surface and which can, therefore, result in breakage during transport, are not permissible.

Permissible features in stock sizes

- Features ≤ 1.5 mm are not taken into account.
- A maximum of 18 features > 1.5 mm are permissible per m².
- The biggest length of a feature per panel is specified as 60 mm.
- The sum of the lengths of such features may not exceed a figure of 140 mm/m².

7.0 Annealing quality

Thickness [mm]	Birefringence (tension)
2.75 ± 0.25	≤ 30 nm/cm
2.95 ± 0.35	≤ 35 nm/cm

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