Phoenicia CLEAR glass is the most common form of glass produced for architectural uses. This glass is transparent, convenient and easy to process, perfectly flat and free of optical distortions or manufacturing defects that might interfere with the landscape.

The quality of the glass enables the view to be perfectly reflected from any angle and to allow the natural light to flow through. Thanks to strict production control and the use of high quality raw materials, Phoenicia Clear glass is of the highest quality and is perfectly suited for use for many years.

**Phoenicia Clear glass is suitable for uses such as:**
- Windows in large apertures
- Showcases
- Cladding of walls and facades
- Railings and barriers
- Transparent interior partitions
- Shower rooms and more.

Phoenicia Clear glass is available in a variety of thicknesses, from 1.8 millimeters to 12 millimeters; and it can be tempered, bent and processed. Phoenicia Clear glass has many features that contribute to its various uses.
Technical performance of PHOENICIA CLEAR 6 mm glass

Rw (Db) ....The degree of reduction in noise level passes through the glass, measured in decibels.

VL ...........Visible light from the Sun
VLr.........(Visible light reflection) - The percentage of light reflected outside.
IR ...........Infra red solar heat, part of the visible light
Irr.........(Solar energy reflection) - The percentage transition of solar energy reflection.
UV ..........Ultraviolet radiation, part of the visible light
LT ........... (Visible light transmission) - The percentage of visible light transition.
EA ..........Energy absorption
ET ........... (Solar energy transmission) - The percentage of solar energy transition.
U-Value ...(Heat transfer coefficient) W/(m²/K) - The degree of heat transfer through the material and its effect on temperature transfer.
G-Value ... (Total Solar energy transmission) - Coefficient of heat transfer of the total percentage of solar energy transfer.

Notes:
• All data are nominal values, subject to the tolerance of the product and without obligation.
• The calculated values are for guidance only and do not offer any guarantee regarding the production of the final product.
• Since a glass window consists of several parts, there is no guarantee that the final product will display these values.
• According to EN 572-9 standard glass, which is intended for use in buildings.
• Low final values indicate higher insulation of the glass.

PHOENICIA CLEAR glass is manufactured according to the requirements of the international standards such as the International Organization for Standardization (ISO), the European Union's EN Standard and is tested according to the requirements of the American Standard ASTM and others.

To ensure that the Phoenicia glass application complies with all applicable laws, regulations, standards, codes of practice and other requirements, it is recommended that the Phoenicia glass processor consult with a qualified Phoenicia consultant regarding the instructions for processing, such as how to successfully store, handle, process and install Phoenicia glass. Instructions can be obtained directly from Phoenicia.

Clarification: The information presented in this publication is a general description of the product and Phoenicia will not be responsible for any inaccuracies or omissions in this publication and any implications of adherence thereto. This liability is imposed on those who use the information.