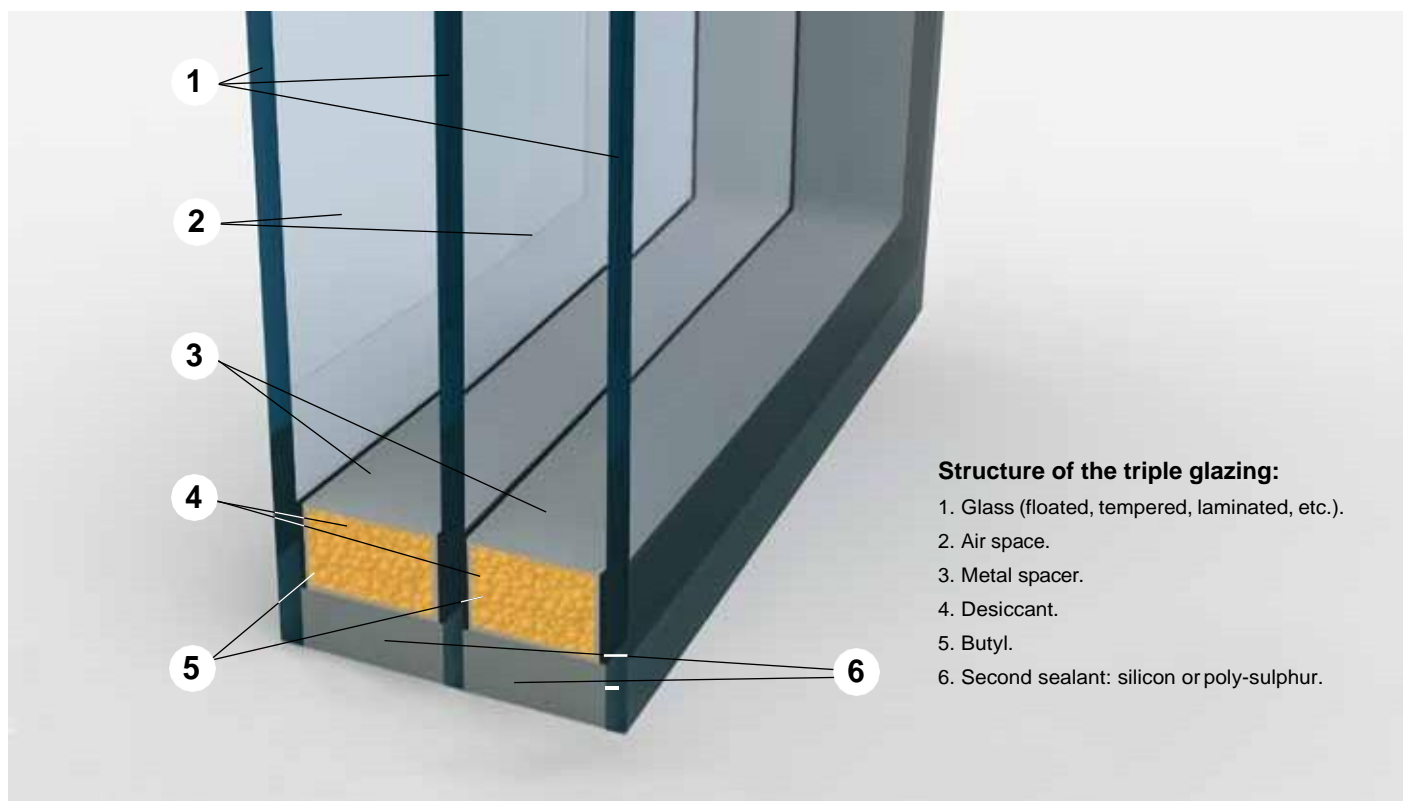


Ambience Tri

The new Ambience Warmedge has improved the thermal performance of insulating glass, as the interior glass temperature is more constant across its surface, thereby reducing the risk of condensation on the edges.

To achieve the highest performance in thermal insulation, Ariño Duglass uses triple glazing, with two gas-tight chambers incorporated in the Ambience insulating glass instead of one. By using triple-glazed glass combined with Aripak Low E-SP glass and argon gas, thermal insulation U values up to 0.6 W/m²K can be achieved, which makes it a very appropriate product for cold weather. Also, the replacement of the conventional aluminium spacer by a Warmedge insert can itself be replaced by Ambience Tri.



AMBIENCE TRI - 6/Argon 16/6 /Argon 16/6							
TYPE OF LAYER	VISIBLE LIGHT		SOLAR ENERGY			Solar factor (g %)	U-VALOR (W/m ² °C)
	Transmission L. T. (%)	Reflection L. R. ext. (%)	Transmission T.E. (%)	Reflection R.E. (%)	Absorption E.A. (%)		
SuperE (#2)	66	19	41	21	38	52	0,97
SuperE (#2 y #4)	61	19	35	22	43	46	0,64
DAG 70/40 (#2), SuperE (#4)	56	15	29	25	47	36	0,63
SuperE (#2 y #4)*	65	20	45	29	26	52	0,64

* Composition based on low-iron glass.

Instructions for use of Ambience, Ambience Warmedge and Ambience Tri.

The air tight sealants and joints used to install the glass should be compatible with the butyls, silicon and butyrls used by Ariño Duglass to manufacture their glass. Sealing with linseed oil putty, certain acrylic putties, incompatible silicon and other products that are incompatible with the materials that Ariño Duglass use in their production is absolutely forbidden.

The sealing and integrity of the insulating glass is achieved by using two air tight barriers. These barriers are based on sealants specifically developed for this purpose: butyl for the first barrier and silicon, poly-sulphur or polyurethane for the second. It is vital that any other sealer, chock, joint or plastic material in direct or indirect contact with the sealer of the double glazing must be compatible with this. Sealers or polymers that give off products with an aggressive reaction (acetic acid, amines, solvents, oils, etc.) must not be used.

Glass produced by Ariño Duglass does not include any system to install the glass in windows or facades. The system used by the customer or end user to fit the glass in windows or facades will be determined by the customer or end user. Therefore Ariño Duglass is in no way responsible for the installation and fitting of the glass and the materials used for this purpose.

For any information, the Technical department at Ariño Duglass is at your service.