

# Ariplak Low E-SP

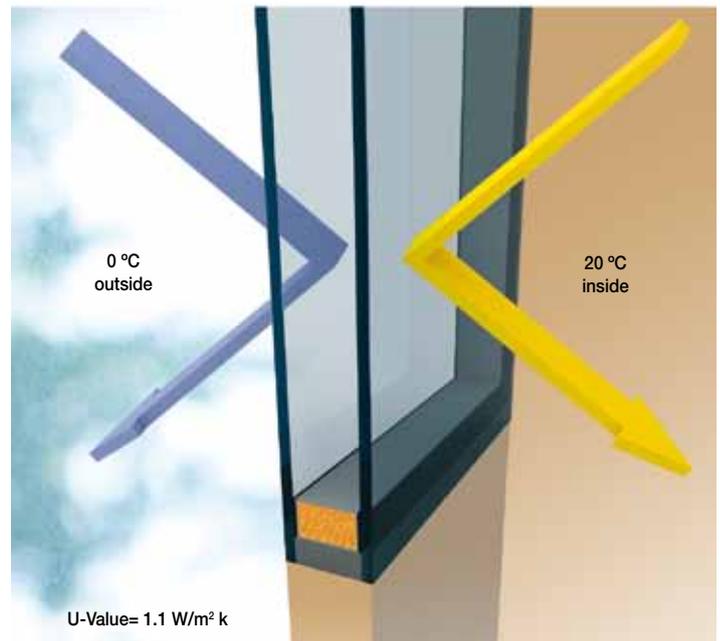
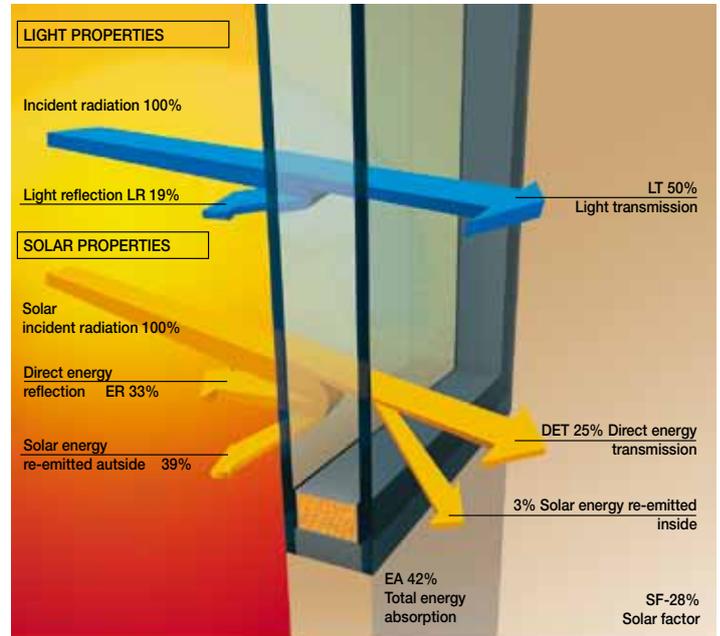
## High Performance Coatings

### Properties

The use of silver in their structure make the coatings of the Ariplak Low E-SP low emissivity. This directly improves the U-value of the glazing which could reach values of thermal insulation of 1,1 W/m<sup>2</sup>K (with argon).

On the other hand these layers possess high selectivity between visible and infrared. They are very transparent to visible light and reflect a large amount of the infrared radiation which permits a considerable reduction in the amount solar energy entering while maintaining a high transmission of light. This property is responsible for achieving the requirements of solar protection and saving energy, both of which are currently required, thus contributing to a more sustainable building structure.

### Ariplak DAG 50/28



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### Photo-energetic propertie of Ariplak Low E-SP

The performance of Ariplak Low E-SP glass in double glazing and clear glass is shown in the following table. Consult our Technical department for other compositions and thickness.

The data that appear in these tables are nominal values based on available information at the time this document was being prepared and are subject to commercial tolerances. The characteristics can vary depending on the applications. Ariño Duglass reserves the right to revise the specifications of its products and standards without prior notification.

The photo-energetic values have been measured and calculated according to the EN 410 and ISO 9050 norms. The U value has been calculated following the procedures outlined in the EN 673 norm.

ARIPLAK Low E-SP - Ambience 6 mm/AS 16/6 mm										
TYPE OF LAYER	VISIBLE LIGHT			SOLAR ENERGY					U-VALOR (W/m <sup>2</sup> °C)	
	Transmission L.T. (%)	Reflection		Transmission D.E.T. (%)	Reflection E.R. (%)	Absorbption E.A. (%)	SOLAR FACTOR		Air	Argon
		L.R. ext. (%)	L.R. int. (%)				ISO 9050	EN 410		
DAG 70/40	68	11	13	37	24	39	39	42	1,4	1,2
DAG 66/38	65	9	11	36	24	40	38	41	1,4	1,2
DAG 60/33	58	14	17	32	26	42	34	36	1,4	1,2
DAG 50/28	49	15	21	25	28	47	28	30	1,3	1,1
DAG 30/16	27	18	33	13	33	54	16	17	1,3	1,1
AN 62	62	22	19	37	27	36	40	43	1,4	1,2
AN 50	53	12	11	34	20	46	38	40	1,5	1,3
AB 54	52	24	12	36	24	40	41	42	1,5	1,3
AS 44	41	44	41	26	40	34	29	31	1,5	1,3
SuperE	73	14	13	49	20	31	53	55	1,5	1,3