

arcon sunbelt A Series

Needs-based solar protection for façades

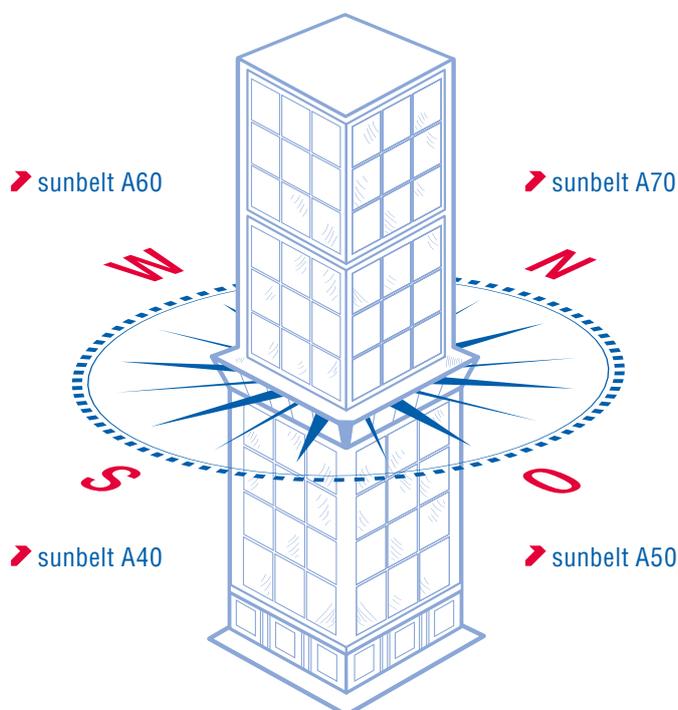


➤ arcon sunbelt A – Four versions of solar protection in visual harmony

With the arcon A series, you no longer need to choose between needs-based solar protection and visual harmony within a building. The colour scheme of the four solar protection coatings is designed to make the combined use of various coatings within a building possible for the first time. Different values in light transmission and in total energy transmittance (g-value) provide needs-based solar protection that also preserves the visual harmony of the façade. With the A types, you will achieve absolute flexibility in designing your project.

➤ Product benefits / properties

- Planning freedom and needs-based control of solar protection
- Combined use of the four A coatings is possible in a single building
- Changes in the colour scheme due to thermal treatment hardly perceptible
- Can be bent as float glass and toughened glass
- Combinations with other properties like sound protection or alarm wiring possible
- Excellent thermal insulation saves heating costs in winter
- Neutral transmission shade
- Low exterior and interior reflection



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➤ Product range

- Stock size coating for float and laminated safety glass
- Temperable HT coating for stock sheets and cut sizes
- Coating of cut-to-size toughened safety glass and laminated safety glass
- Coating of cut-to-size panels with printing or with other finishes

➤ Overview of technical details

	Light transmission	Light reflectance outside	Light reflectance inside	Energy absorbance	solar factor (SF)	Colour rendering index	U _g value
Double glazing 6:/16/4							
sunbelt A70/A70 HT	70%	13%	13%	32%	37%	96	1.0 W/(m²K)
sunbelt A60/A60 HT	61%	14%	12%	37%	33%	96	1.0 W/(m²K)
sunbelt A50/A50 HT	53%	18%	12%	43%	28%	94	1.0 W/(m²K)
sunbelt A40/A40 HT	43%	22%	11%	48%	23%	91	1.0 W/(m²K)
Triple glazing 6:/14/4/14/:4*							
sunbelt A70/A70 HT	63%	15%	16%	36%	34%	94	0.6 W/(m²K)
sunbelt A60/A60 HT	56%	16%	14%	40%	30%	94	0.6 W/(m²K)
sunbelt A50/A50 HT	48%	19%	15%	45%	26%	92	0.6 W/(m²K)
sunbelt A40/A40 HT	39%	23%	14%	51%	21%	90	0.6 W/(m²K)

* arcon N34 at level #5

All technical data to EN 410 and EN 673 (ΔT=15 K), production tolerances to EN 1096. | Values may change in the course of product development. Errors and mistakes cannot be excluded. April 2018