

arcon sunbelt D oHT

One product – two solutions



➤ arcon sunbelt D oHT – the complete range

arcon sunbelt D oHT (optional heat treatable) makes a lot of things easier: You can use one and the same base glass as non-toughened float glass or thermally toughened glass (tempered/heat-strengthened safety glass). Due to the innovative coating design the change in colour as a result of the heat treatment is barely noticeable, allowing the combined use of float glass or toughened safety glass in one building.

➤ Product benefits / properties:

- Less storage capacity required as it can be used as thermally toughened or float glass
- Outstanding look thanks to luminous, neutral grey-blue external reflection and low angular dependence; neutral transmission colour
- Can be combined with other properties like sound protection or alarm wiring
- High energy reflection prevents the building from heating up
- Excellent thermal insulation saves heating costs in winter
- Available as a laminated safety glass or can be laminated retrospectively

➤ Product range

- Stock size coating for float and laminated safety glass
- Temperable HT coating for stock sizes and cut sizes
- Cut size coating for single-pane toughened safety glass and laminated safety glass
- Cut size coating for printed glass or glass with other finishes
- Can be bent as float glass or single-pane toughened safety glass

➤ Overview of technical details

	Light transmission	Light reflection outside	Light reflection inside	Energy absorbance	g-value	Colour rendering index	U _g value
Double glazing 6:/16/4							
sunbelt D70 oHT	68 %	21 %	19 %	24 %	46 %	97	1.1 W/(m ² K)
sunbelt D60 oHT	58 %	28 %	20 %	26 %	40 %	97	1.1 W/(m ² K)
sunbelt D50 oHT	50 %	30 %	21 %	34 %	33 %	95	1.1 W/(m ² K)
sunbelt D40 oHT	40 %	36 %	15 %	36 %	28 %	94	1.1 W/(m ² K)
Triple glazing 6:/14/4/14/:4*							
sunbelt D70 oHT	62 %	23 %	20 %	25 %	41 %	96	0.6 W/(m ² K)
sunbelt D60 oHT	53 %	29 %	21 %	27 %	35 %	96	0.6 W/(m ² K)
sunbelt D50 oHT	45 %	31 %	22 %	38 %	29 %	94	0.6 W/(m ² K)
sunbelt D40 oHT	36 %	36 %	17 %	37 %	24 %	93	0.6 W/(m ² K)

* arcon N34 at level #5 | All technical values 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. June 2018