

sunbelt scandic 53/27

EN-Standard

Basisglas	Ebene	Glasstärke [mm]	sichtbarer Lichtbereich				solare Strahlung			g-Wert [%]	b-Wert (g-Wert/0,8) [%]	shading coefficient (g-Wert/0,87) [%]	Farbwiedergabeindex R _a	U _g -Wert [W/m ² K] (90% Argon)
			Trans- mission [%]	UV-Trans- mission [%]	Reflexion [%]		Trans- mission [%]	Reflexion [%] außen	Absorption [%]					
					außen	innen								
substrate	coated glass surface	standard thickness [mm]	visible light				total solar energy			solar factor (SF) [%]	b-value (SF/0.8) [%]	shading coefficient (SF/0.87) [%]	colour rendering index	U _g -value [W/m ² K] (90% argon)
trans- mittance [%]	UV trans- mittance [%]	reflectance [%]		trans- mittance [%]	reflectance [%] outside	absorbance [%]								
		outside	inside											
Floatglas clear	#2	6 16 4	53	6	17	15	25	34	42	27	34	31	94	1,0
Grünglas green	#2	6 16 4	45	2	14	14	18	12	70	22	27	25	86	1,0
Grauglas grey	#2	6 16 4	26	2	7	14	13	14	73	16	21	19	92	1,0
Bronzeglas bronze	#2	6 16 4	29	2	8	14	14	15	71	17	22	20	92	1,0

Glasfarben abweichend von Farben in diesem Prospekt.

Alle technischen Werte nach EN 410 und EN 673 (ΔT = 15 K), Produktionstoleranzen nach EN 1096.

Alle Produkte sind ausschließlich für den Einsatz auf Ebene #2 freigegeben.

Werte können sich im Zuge der Produktweiterentwicklung ändern. Irrtümer und Fehler nicht ausgeschlossen.

Stand: Januar 2017

Glass colours shown are for reference only and do not represent actual glass colour.

Performance data are calculated using EN 410 and EN 673 (ΔT = 15 K), manufacturing tolerances EN 1096.

All products are approved only for use on surface #2.

arcon reserves the right to change product performance characteristics without notice and without obligation.

rev: January 2017



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American Standard ASHRAE

substrate	coated glass surface	standard thickness [mm]	visible light				total solar energy			solar factor (SF) [%]	shading coefficient (SF/0.87) [%]	U-values [W/(m²*K)]				relative heat gain	
			transmittance [%]	UV transmittance [%]	reflectance [%]		transmittance [%]	reflectance [%]	absorbance [%]			summer		winter		[W/(m²)]	[BTU/(h*ft²)]
					outside	inside						air	argon	air	argon		
clear	#2	6 12 6	52	8	17	15	22	37	42	26	30	1,6	1,3	1,6	1,4	202	64
green	#2	6 12 6	44	3	13	14	16	11	73	23	26	1,6	1,3	1,6	1,4	178	57
grey	#2	6 12 6	26	3	7	14	11	16	73	18	21	1,6	1,3	1,6	1,4	144	46
bronze	#2	6 12 6	29	2	8	14	12	17	71	19	22	1,6	1,3	1,6	1,4	150	47

Glass colors shown are for reference only and do not represent actual glass color.

All performance data are calculated using Lawrence Berkeley National Laboratories Window 5.2 analysis program with arcon spectral data based on environmental conditions NFRC 100-2001 summer and winter.

The performance values shown are nominal values and subject to variations due to manufacturing tolerances (EN 1096).

All coated products are #2 surface only.

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rev: January 2017

