



Insulating Glass Range

Glass type	Glass structure	Ug value to DIN EN 673 $\Delta T = 15 K$	Light transmission to DIN EN 410	Total energy transmittance to DIN EN 410	Light reflection outside to DIN EN 410	Weight	Element thickness (Thickness tolerance acc. to glass structures)	Sound insulation value	Spectrum adjustment values
	mm	W/m²K	LT % (± 2)	g value % (± 2)	LR % (± 2)	kg/m² (appr.)	mm (appr.)	Rw in dB	C;Ctr

SANCO Thermal insulating glass, double



SANCO Plus EN	4 - 12AR - 4	1.3	80	62	13	20	20		
SANCO Plus EN	4 - 14AR - 4	1.2	80	62	13	20	22		
SANCO Plus EN	4 - 16AR - 4	1.1	80	62	13	20	24		
SANCO Plus EN2	4 - 12AR - 4	1.3	82	64	12	20	20		
SANCO Plus EN2	4 - 14AR - 4	1.2	82	64	12	20	22		
SANCO Plus EN2	4 - 16AR - 4	1.1	82	64	12	20	24		
SANCO Plus ZERO	4 - 16AR - 4	1.0	71	50	20	20	24		
SANCO Plus ZERO	4 - 10KR - 4	0.9	71	50	20	20	18		
SANCO Plus FREE VISION T	4 - 16AR - 4	1.0	72	50	17	20	24		Coating on item 3

SANCO Plus FREE VISION T coating on item 1, SANCO Plus ZERO coating on item 3

SANCO ESI (Energy Saving Insulating glass) triple



SANCO Plus EN	4 - 12AR - 4 - 12AR - 4	0.7	70	49	18	30	36		
SANCO Plus EN	4 - 14AR - 4 - 14AR - 4	0.6	70	49	18	30	40		
SANCO Plus EN	4 - 16AR - 4 - 16AR - 4	0.6	70	49	18	30	44		
SANCO Plus EN	4 - 18AR - 4 - 18AR - 4	0.5	70	49	18	30	48		
SANCO Plus EN2	4 - 12AR - 4 - 12AR - 4	0.7	74	53	14	30	36		
SANCO Plus EN2	4 - 14AR - 4 - 14AR - 4	0.6	74	53	14	30	40		
SANCO Plus EN2	4 - 16AR - 4 - 16AR - 4	0.6	74	53	14	30	44		
SANCO Plus EN2	4 - 18AR - 4 - 18AR - 4	0.5	74	53	14	30	48		
SANCO Plus ZERO	4 - 16AR - 4 - 16AR - 4	0.5	57	35	29	30	44		
SANCO Plus ZERO	4 - 12KR - 4 - 12KR - 4	0.4	57	35	29	30	36		
SANCO Plus TRIII	4 - 12AR - 4 - 12AR - 4	0.7	71	51	17	30	36		
SANCO Plus TRIII	4 - 16AR - 4 - 16AR - 4	0.6	71	51	17	30	44		
SANCO Plus TRIII	4 - 12KR - 4 - 12KR - 4	0.5	71	51	17	30	36		
SANCO Plus TRIII E	4 - 12AR - 4 - 12AR - 4	0.8	73	62	18	30	36		
SANCO Plus TRIII E	4 - 16AR - 4 - 16AR - 4	0.7	73	62	18	30	44		
SANCO Plus TRIII E	4 - 12KR - 4 - 12KR - 4	0.6	73	62	18	30	36		
SANCO Plus TRIII E SOLAR	4 EW NG - 12KR - 4 EW NG - 12KR - 4 EW NG	0.6	75	67	18	30	36		Coating on item 2 and 5
SANCO Plus FREE VISION T	4 - 12AR - 4 - 12AR - 4	0.8	75	63	15	30	36		

SANCO Plus FREE VISION T coating on item 1, SANCO Plus TRIII E coating on item 3 and 5

SANCO Solar control glass



SANCO Sun COMBI 70/40	6 - 16AR - 4	1.1	72	42	12	25	26		
SANCO Sun COMBI 70/35	6 - 16AR - 4	1.0	70	37	14	25	26		
SANCO Sun COMBI 61/32	6 - 16AR - 4	1.0	61	34	13	25	26		
SANCO Sun COMBI 60/27	6 - 16AR - 4	1.0	60	27	13	25	26		
SANCO Sun COMBI 51/26	6 - 16AR - 4	1.0	51	27	16	25	26		
SANCO Sun COMBI Silver 48 T	6 - 16AR - 4	1.1	48	35	46	25	26		
SANCO Sun COMBI 41/21	6 - 16AR - 4	1.0	41	22	18	25	26		
SANCO Sun COMBI Silver 32/21 T	6 - 16AR - 4	1.1	32	21	19	25	26		

SANCO® Insulating Glazing – Functional Overview



TEAM ABSATZFÖRDERUNG GMBH 10/2013

	SANCO Plus EN	Low U _g value, high g value, all-purpose, colour-neutral, thermal insulating glass.
	SANCO Plus EN2	High light transmission, clear view, unfalsified colour reproduction.
	SANCO Plus ZERO	Economic thermal insulating glass, the 2-layer structure achieves a U _g value of 1.0 W/m ² K.
	SANCO Plus FREE VISION T	Almost 100 % prevention of external condensation, insulating glass with low U _g value.
	SANCO ESI	SANCO triple thermal insulating glass.
	SANCO Plus TRIII E	Highest g values, low U _g values, ideal for passive and low-energy houses.
	SANCO Sun COMBI	Highly selective glass, lets lots of sunlight into the room, heat radiation from the summer sun is reflected - in winter, the heat stays in the room.
	SANCO Sun T	Solar control glass with low solar energy transmittance. Prevents the room from overheating.
	SANCO Sun Night Vision	Anti-reflective solar control glass, clear view at night from lit rooms.
	SANCO CONTROL	Glare and visual screening in the insulating glass cavity. Slats, blinds or folding roller blinds can be integrated. Also used in interior design.
	SANCO Phon	Sound insulating glass with sheets of differing thickness, or laminated glass with sound insulation film. The different natural frequency of the glass sheets reduces sound transmission.
	SANCO Safe	Safety glass with different resistance classes (break-resistant, penetration-resistant, bullet-resistant).
	SANCO Safe AV	Fall-proof glazing as per TRAV
	SANCO Alarm	An electrically conducting loop connected to an alarm system is embedded at a corner of a toughened safety glass. When the glass is smashed, the alarm is given immediately and automatically.
	SANCO DUR	Toughened safety glass, thermally tempered, injury-reducing in the case of breakage, increased shock, impact resistance and hail resistance, temperature change resistance.
	SANCO DUR TVG	Heat-strengthened glass (TVG), increased flexural strength and temperature change resistance, TVG is only in conjunction with laminated safety glass (VSG) a safety glass.
	SANCO LAMEX	Laminated safety glass (VSG), 2 or more sheets laminated with viscoelastic, highly tear-resistant PVB films - used as glass which is break-resistant, penetration-resistant and bullet-resistant, as a walk-on glass, overhead area glass and as fall-proof glass.
	LAMEX X-STRONG	Laminated safety glass with an increased load capacity of 40 % while retaining the same structural thickness.
	SANCO Pyr	Fire-resisting glass in requirement-matching fire resistance classes. Room isolation against smoke and flames is guaranteed for least 30 minutes (model-dependent).
	SANCO ACS	Warm edge, improved thermal insulation in the insulating glass edge seal, lower condensate susceptibility.