

## The Tech Stuff

**Insulating glazing unit (IGU)** Double Glazing = **DG** Triple Glazing = **TG** Walk-on Glazing = **WG** Walk-on Anti-slip Glazing = **WAG**

Glazing	Coating	IGU code	Clear internal area a (m <sup>2</sup> )	Thermal transmittance (rooflight) U <sub>w</sub> value [W/(m <sup>2</sup> K)]		Thermal transmittance (glazing) U <sub>g</sub> value* [W/(m <sup>2</sup> K)]
				Window size < 2,3 m <sup>2</sup>	Window size ≥ 2,3 m <sup>2</sup>	
DG	LowE	20V	a ≤ 2 m <sup>2</sup>	1.7	–	1.1
DG	LowE	20Y	2 m <sup>2</sup> < a ≤ 2.8 m <sup>2</sup>	1.7	1.6	1.1
DG	LowE	20Z	2.8 m <sup>2</sup> < a ≤ 4.0 m <sup>2</sup>	–	1.8	1.1
DG	LowE	22V	a ≤ 2 m <sup>2</sup>	1.7	–	1.1
DG	LowE	22Y	2 m <sup>2</sup> < a ≤ 2.8 m <sup>2</sup>	1.7	1.6	1.1
DG	LowE	22Z	2.8 m <sup>2</sup> < a ≤ 4.0 m <sup>2</sup>	–	1.8	1.2
TG	LowE	30V	a ≤ 2 m <sup>2</sup>	1.2	–	0.5
TG	LowE	30Y	2 m <sup>2</sup> < a ≤ 2.8 m <sup>2</sup>	1.2	1.1	0.5
TG	LowE	30Z	2.8 m <sup>2</sup> < a ≤ 4.0 m <sup>2</sup>	–	1.2	0.6
TG	LowE	32V	a ≤ 2 m <sup>2</sup>	1.2	–	0.5
TG	LowE	32Y	2 m <sup>2</sup> < a ≤ 2.8 m <sup>2</sup>	1.2	1.1	0.5
TG	LowE	32Z	2.8 m <sup>2</sup> < a ≤ 4.0 m <sup>2</sup>	–	1.2	0.6
WG	LowE	25V	a ≤ 1 m <sup>2</sup>	2.0	–	1.3
WG	LowE	25Y	1 m <sup>2</sup> < a ≤ 1.5 m <sup>2</sup>	2.0	–	1.3
WG	LowE	25Z	1.5 m <sup>2</sup> < a ≤ 2.0 m <sup>2</sup>	2.0	–	1.3
WAG	LowE	26V	a ≤ 1 m <sup>2</sup>	2.0	–	1.3
WAG	LowE	26Y	1 m <sup>2</sup> < a ≤ 1.5 m <sup>2</sup>	2.0	–	1.3
WAG	LowE	26Z	1.5 m <sup>2</sup> < a ≤ 2.0 m <sup>2</sup>	2.0	–	1.3
DG	Sun	21V	a ≤ 2 m <sup>2</sup>	1.7	–	1.0
DG	Sun	21Y	2 m <sup>2</sup> < a ≤ 2.8 m <sup>2</sup>	1.7	1.6	1.0
DG	Sun	21Z	2.8 m <sup>2</sup> < a ≤ 4.0 m <sup>2</sup>	–	1.8	1.2
DG	Sun	23V	a ≤ 2 m <sup>2</sup>	1.7	–	1.0
DG	Sun	23Y	2 m <sup>2</sup> < a ≤ 2.8 m <sup>2</sup>	1.7	1.6	1.0
DG	Sun	23Z	2.8 m <sup>2</sup> < a ≤ 4.0 m <sup>2</sup>	–	1.8	1.2
TG	Sun	31V	a ≤ 2 m <sup>2</sup>	1.2	–	0.5
TG	Sun	31Y	2 m <sup>2</sup> < a ≤ 2.8 m <sup>2</sup>	1.2	1.1	0.5
TG	Sun	31Z	2.8 m <sup>2</sup> < a ≤ 4.0 m <sup>2</sup>	–	1.2	0.6
TG	Sun	33V	a ≤ 2 m <sup>2</sup>	1.2	–	0.5
TG	Sun	33Y	2 m <sup>2</sup> < a ≤ 2.8 m <sup>2</sup>	1.2	1.1	0.5
TG	Sun	33Z	2.8 m <sup>2</sup> < a ≤ 4.0 m <sup>2</sup>	–	1.2	0.6

The glazing unit has a 115 mm black silk screen print along the edge.

\* Slope α = 90°

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Glazing	Coating	IGU code	Construction (outside - inside)	Solar factor g-value (%)	Light transmittance T <sub>v</sub> (%)	Acoustic performance dB
DG	LowE	20V	8H - 16 Argon - 44.2 Low E	61	80	37 (-1,-5) dB
DG	LowE	20Y	8H - 14 Argon - 55.2 Low E	61	80	39 (-2,-5)dB
DG	LowE	20Z	8H - 12 Argon - 66.2 Low E	61	79	38 (0,-4)dB
DG	LowE	22V	8H - 16 Argon - 44.4 Low E	61	80	38 (-1,-5) dB
DG	LowE	22Y	8H - 14 Argon - 55.4 Low E	61	79	39 (-2,-5) dB
DG	LowE	22Z	8H - 12 Argon - 66.4 Low E	61	79	38 (0,-4) dB
TG	LowE	30V	8H - 18 argon - 6H - 18 Argon - 55.2 Low E	53	71	45 (-2,-4) dB
TG	LowE	30Y	8H - 16 argon - 6H - 18 Argon - 66.2 Low E	52	71	45 (-1,-4) dB
TG	LowE	30Z	8H - 15 argon - 6H - 15 Argon - 88.2 Low E	52	70	44 (-1,-3) dB
TG	LowE	32V	8H - 18 Argon - 6H - 18 Argon - 55.4 Low E	52	71	45 (-2,-4) dB
TG	LowE	32Y	8H - 16 Argon - 6H - 18 Argon - 66.4 Low E	52	71	45 (-1,-4) dB
TG	LowE	32Z	8H - 15 Argon - 6H - 15 Argon - 88.4 Low E	52	70	44 (-1,-3) dB
WG	LowE	25V	6.8.8H - 16 Air - 44.2 Low E	50	74	36 (-1; -4) dB
WG	LowE	25Y	8.8.8H - 16 Air - 55.2 Low E	49	73	36 (-1; -4) dB
WG	LowE	25Z	8.10.8H - 16 Air - 55.2 Low E	49	73	36 (-1; -4) dB
WAG	LowE	26V	Anti-slip - 6.8.8H - 16 Air - 44.2 Low E	24	28	36 (-1; -4) dB
WAG	LowE	26Y	Anti-slip - 8.8.8H - 16 Air - 55.2 Low E	24	29	36 (-1; -4) dB
WAG	LowE	26Z	Anti-slip - 8.10.8H - 16 Air - 55.2 Low E	24	29	36 (-1; -4) dB
DG	Sun	21V	8H Sun - 16 Argon - 44.2	33	61	37 (-1,-5) dB
DG	Sun	21Y	8H Sun - 14 Argon - 55.2	33	61	39 (-2,-5) dB
DG	Sun	21Z	8H Sun - 12 Argon - 66.2	33	60	38 (0,-4) dB
DG	Sun	23V	8H Sun - 16 Argon - 44.4 Low E	33	61	38 (-1,-5) dB
DG	Sun	23Y	8H Sun - 14 Argon - 55.4 Low E	33	61	39 (-2,-5) dB
DG	Sun	23Z	8H Sun - 12 Argon - 66.4 Low E	33	60	38 (0,-4) dB
TG	Sun	31V	8H Sun - 18 Argon - 6H - 18 Argon - 55.2 Low E	30	55	45 (-2,-4) dB
TG	Sun	31Y	8H Sun - 16 Argon - 6H - 18 Argon - 66.2 Low E	30	55	45 (-1,-4) dB
TG	Sun	31Z	8H Sun - 15 Argon - 6H - 15 Argon - 88.2 Low E	30	55	44 (-1,-3) dB
TG	Sun	33V	8H Sun - 18 Argon - 6H - 18 Argon - 55.4 Low E	30	55	45 (-2,-4)dB
TG	Sun	33Y	8H Sun - 16 Argon - 6H - 18 Argon - 66.4 Low E	30	55	45 (-1,-4) dB
TG	Sun	33Z	8H Sun - 15 Argon - 6H - 15 Argon - 88.4 Low E	30	55	44 (-1,-3) dB