

Manufacturer Certification for the Energy, Light and Sound Transmittance Values of the UNILUX Insulations Glasses

(confirm with DIN EN standards)

Technical data of the UNILUX double/triple sealed glasses working for the energy conservation:

Glass Type	Record-No.	U _g value ⁽¹⁾ [Btu/ft ² hr°F]	R value ⁽¹⁾ [ft ² hr°F/Btu]	SHGC value ⁽²⁾	Light Transmittance value ⁽²⁾ [± 2,0%]	Sound Reduction Index ⁽³⁾ R _{w,P,Glass} [dB]
WSG 1.1 *	U1101	0.194	5.15	0.61	79	32
WSG 1.0	U1001	0.176	5.68	0.52	72	36
WSG 0.8	U0801	0.146	6.85	0.50	70	32
WSG 0.6	U0601	0.106	9.43	0.50	70	32
WSG 0.5	U0502	0.088	11.36	0.50	71	32
SSG 36 / WSG 1.1	U11R01	0.194	5.15	0.60	79	36
SSG 37 / WSG 1.1	U11R03	0.194	5.15	0.59	78	37
SSG 38 / WSG 1.1	U11R04	0.194	5.15	0.59	78	38
SSG 39 / WSG 1.1	U11R05	0.194	5.15	0.57	77	39
SSG 40 / WSG 1.1 / A1 beidseitig	U11AR02	0.194	5.15	0.58	79	40
A1-SSG 41 / WSG 1.1	U11AR03	0.194	5.15	0.58	79	41
VSG-SSG 46 / WSG 1.1	U11AR01	0.194	5.15	0.56	75	46

(1): according to DIN EN 673 or DIN EN 674 with $_T = 15$ K

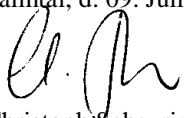
(2): according to DIN EN 410

(3): according to DIN EN 20140-3

(4): including forced entry retardant Lami-glass (classification A1 according to EN 356)

* : Data of the UNILUX standard heat insulating glass

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Salmtal, d. 09. Juli 2010



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