

Warm Edge Spacer Comparison



Spacer	Secondary Seal	Glass Thickness	Total IGU U-Factor	Sightline Temperature	Sightline+1/2" Temperature	Spacer Height
		mm	BTU/h-ft ² -F	Fahrenheit	Fahrenheit	in.
Aluminum	Polysulphide	6	0.297	26.4	35.2	0.565
Azon	Polysulphide	6	0.282	32.5	39.3	0.500
Chromatech Ultra	Polysulphide	6	0.250	35.8	40.8	0.501
Stainless Steel	Polysulphide	6	0.285	31.1	38.2	0.500
Aluminum	Silcone	6	0.297	26.5	35.3	0.565
Azon	Silcone	6	0.281	33.0	39.6	0.500
Chromatech Ultra	Silcone	6	0.250	36.2	41.0	0.510
Stainless Steel	Silcone	6	0.284	31.3	38.3	0.500

Notes:

1. Simulations performed by Enermodal Engineering Ltd. Using Windows 6.3 and Therm 6.3 as per NFRC100
2. Outside temperature was 0 F, and inside temperature was 70 F
3. Low-e glass is AFG Industries Comfort TiAC40 with 6mm glass
4. The air spaces are .500" wide with 90% argon fill
5. The IGU's are 23.6"x59.1"
6. 1/4 of silicone or polysulphide secondary sealant was used on all spacers
7. Temperature results shown from the Condensation Resistance model