

WINTECH

Thermal Break Window Performance (2255 / S250 / 2500) Series

Window Configuration

Glass Type	Size	Center of Glass			Total Window		Size	Center of Glass			Total Window		
		U Value	SHGC	VLT	U Value	SHGC		U Value	SHGC	VLT	U Value	SHGC	
XO Slider		CLEAR IG			CLEAR IG			BRONZE (TINT) IG			BRONZE (TINT) IG		
	3016	0.502	0.763	81%	0.727	0.525	3016	0.502	0.629	61%	0.729	0.53	
	3030	0.502	0.763	81%	0.663	0.57	3030	0.502	0.629	61%	0.665	0.575	
	4030	0.502	0.763	81%	0.636	0.589	4030	0.502	0.629	61%	0.641	0.594	
	4040	0.502	0.763	81%	0.644	0.639	4040	0.502	0.629	61%	0.644	0.537	
	6030	0.502	0.763	81%	0.610	0.607	6030	0.502	0.629	61%	0.614	0.613	
		Average			0.656	0.586			Average			0.659	0.570
Fixed		CLEAR IG			CLEAR IG			BRONZE (TINT) IG			BRONZE (TINT) IG		
	2060	0.502	0.763	81%	0.619	0.599	2060	0.502	0.629	61%	0.622	0.596	
	3016	0.502	0.763	81%	0.698	0.547	3016	0.502	0.629	61%	0.701	0.552	
	3030	0.502	0.763	81%	0.624	0.595	3030	0.502	0.629	61%	0.627	0.6	
	4040	0.502	0.763	81%	0.613	0.663	4040	0.502	0.629	61%	0.613	0.554	
	6030	0.502	0.763	81%	0.591	0.62	6030	0.502	0.629	61%	0.594	0.626	
		Average			0.629	0.605			Average			0.631	0.586
Fixed/PI		CLEAR IG			CLEAR IG			BRONZE (TINT) IG			BRONZE (TINT) IG		
	2060	0.502	0.763	81%	0.637	0.58	2060	0.502	0.629	61%	0.639	0.584	
	4040	0.502	0.763	81%	0.644	0.639	4040	0.502	0.629	61%	0.644	0.537	
		Average			0.641	0.610			Average			0.642	0.561

Window Configuration

Glass Type	Size	Center of Glass			Total Window		Size	Center of Glass			Total Window		
		U Value	SHGC	VLT	U Value	SHGC		U Value	SHGC	VLT	U Value	SHGC	
XO Slider		CLEAR Low E IG			CLEAR Low E IG			CLEAR Low E w/ ARGON IG			CLEAR Low E w/ ARGON IG		
	3016	0.290	0.281	54%	0.661	0.322	3016	0.24	0.274	54%	0.658	0.262	
	3030	0.290	0.281	54%	0.573	0.327	3030	0.24	0.274	54%	0.547	0.266	
	4030	0.290	0.281	54%	0.521	0.273	4030	0.24	0.274	54%	0.505	0.267	
	4040	0.290	0.281	54%	0.522	0.273	4040	0.24	0.274	54%	0.479	0.268	
	6030	0.290	0.281	54%	0.503	0.336	6030	0.24	0.274	54%	0.463	0.269	
		Average			0.556	0.306			Average			0.530	0.266
Fixed		CLEAR Low E IG			CLEAR Low E IG			CLEAR Low E w/ ARGON IG			CLEAR Low E w/ ARGON IG		
	2060	0.290	0.281	54%	0.508	0.325	2060	0.24	0.274	54%	0.488	0.267	
	3016	0.290	0.281	54%	0.623	0.328	3016	0.24	0.274	54%	0.617	0.263	
	3030	0.290	0.281	54%	0.521	0.333	3030	0.24	0.274	54%	0.484	0.268	
	4040	0.290	0.281	54%	0.478	0.274	4040	0.24	0.274	54%	0.429	0.269	
	6030	0.290	0.281	54%	0.477	0.339	6030	0.24	0.274	54%	0.431	0.269	
		Average			0.521	0.320			Average			0.490	0.267
Fixed/PI		CLEAR Low E IG			CLEAR Low E IG			CLEAR Low E w/ ARGON IG			CLEAR Low E w/ ARGON IG		
	2060	0.290	0.281	54%	0.494	0.331	2060	0.24	0.274	54%	0.516	0.266	
	4040	0.290	0.281	54%	0.522	0.273	4040	0.24	0.274	54%	0.479	0.268	
		Average			0.508	0.302			Average			0.498	0.267

Data was calculated using Windows 6.3 computer program with NFRC validated spectral data files

*Data was calculated using DSB Clear & DSB Bronze insulated glass & DSB Clear Low E Glass (Guardian Low E 55/27 #2 surface) & DSB Clear Low E Glass (Guardian Low E 55/27 #2 surface) with Argon.

SHGC = Solar Heat Gain Coefficient

VLT = Visible Light Transmittance