










Lexan* Thermoclear* Sheet Product Selection

Structures	Grade name	Gauge (mm)	Weight (kg/m ²)	Rib distance (mm)	U Value ** (W/m ² K)	Light Transmission* Clear 112 (%)	Light Transmission* Opal white WH7A092X (%)	Total Solar Transmission # Clear 112 (%)	Total Solar Transmission # Opal white WH7A092X (%)
2- Wall 	LTC4RS800	4	0.8	6	3.96	83	67	83	70
	LT2UV452RS10	4.5	1.0	6	3.86	83	67	83	70
	LT2UV62RS13	6	1.3	6	3.56	82	66	82	69
	LT2UV82RS15	8	1.5	10	3.26	81	64	82	68
	LT2UV102RS17	10	1.7	10	3.02	81	64	80	68
3- Wall 	LT2UV83TS17	8	1.7	10	2.92	73	61	75	66
	LT2UV103TS17	10	1.7	10	2.68	73	61	75	66
	LT2UV103RS19	10	1.9	20	2.69	74	63	78	69
	LT2UV163TS27	16	2.7	20	2.27	74	63	78	69
X-Structure 3- Wall 	LT2UV103X20	10	2.0	16	2.62	71	62	71	67
	LT2UV163X28	16	2.8	16	2.10	67	60	71	64
5- Wall 	LT2UV105R175	10	1.75	8	2.39	65	60	65	59
	LT2UV205RS33	20	3.3	18	1.77	64	55	71	60
X-Structure 5- Wall 	LT2UV205X32	20	3.2	20	1.69	58	50	66	51
	LT2UV255X34	25	3.4	20	1.51	57	49	65	54
	LT2UV325X38	32	3.8	20	1.32	55	48	65	48
6- Wall 	LT2UV166RS27	16	2.7	20	1.84	61	52	64	60
	LT2UV206RS30	20	3.0	20	1.61	61	50	64	61
	LT2UV256RS35	25	3.5	20	1.45	58	49	66	63
Double X-Structure 9- Wall 	LT2UV359X40	35	4.0	20	1.19	51	44	53	49
	LT2UV409X43	40	4.3	20	1.10	51	43	52	48
	LT2UV459X45	45	4.5	20	1.04	50	42	52	47
Thermopanel 4- Wall 	LTP30A4RS40	30	4.0	20	1.90	67	52	76	67
	LTP30B4RS40	30	4.0	20	1.90	67	52	76	67
	LTP30C4RS40	30	4.0	20	1.90	67	52	76	67
	LTP30E4RS40	30	4.0	40	1.90	67	52	76	67
Thermoclick X-Structure 4- Wall 	LTC404X4000	40	4.0	40	1.41	59	50	64	57

** U-values based on SABIC calculated values according ISO 10077 (EN 673)

• LT (Light Transmission) and TST (Total Solar Transmission) measurements acc. ISO 9050 (EN 410) on 600mm * 600mm samples

TST (Total Solar Transmission) divided by 100 equals Solar Heat Gain Coefficient (SHGC) or g-value