

# REFLITE REFLECTIVE GLASS

Brand Name	Code	Colour	Thk (mm)	Visible Light			Solar Radiation			Summer U-Value(W/m2K)		SC	SHGC
				Trn (%)	Ref <sub>out</sub> (%)	Ref <sub>in</sub> (%)	Trn (%)	Ref (%)	Abs (%)	Air	Argon		

## Single Glazing Performance Data

### CGT Reflite#1

Reflite	103	Silver Clear	6	62	33	30	63	25	12	5.21		0.77	0.67
	203	Silver Light Blue	6	47	31	22	35	27	38	5.21		0.54	0.46
	303	Silver Grey	6	40	34	17	48	26	26	5.22		0.65	0.56
	403	Silver Bronze	6	40	34	18	49	26	25	5.22		0.65	0.56
	503	Silver Dark Blue	6	18	31	20	15	26	59	5.22		0.39	0.33
	603	Silver Green	6	17	31	19	11	26	63	5.22		0.36	0.30

## Double Glazing Performance Data

### CGT 24mm Reflite Insulite

#### 6mm Reflite#1 + A12 + 6mm Clear

Reflite Insulite	103	Silver Clear	24	56	36	32	49	28	23	2.81	2.69	0.67	0.58
	203	Silver Light Blue	24	42	33	25	27	28	45	2.81	2.69	0.43	0.37
	303	Silver Grey	24	35	35	21	37	27	36	2.81	2.69	0.54	0.47
	403	Silver Bronze	24	36	35	21	37	27	36	2.81	2.69	0.54	0.47
	503	Silver Dark Blue	24	16	31	23	11	25	64	2.81	2.69	0.27	0.23
	603	Silver Green	24	15	31	22	8	26	66	2.81	2.69	0.23	0.20

## Laminated Performance Data

### CGT 13.52mm Reflite Shatterpruf

#### 6mm Reflite#1 + 1.52mm Clear PVB + 6mm Clear

Reflite Shatterpruf	103	Silver Clear	24	59	33	27	51	25	24	5.00		0.68	0.58
	203	Silver Light Blue	24	45	32	21	28	26	46	5.00		0.49	0.42
	303	Silver Grey	24	38	34	18	39	25	36	5.01		0.58	0.50
	403	Silver Bronze	24	39	34	18	39	25	36	5.01		0.58	0.50
	503	Silver Dark Blue	24	17	32	19	12	24	64	5.01		0.38	0.32
	603	Silver Green	24	16	32	19	9	25	66	5.01		0.35	0.30

# REFSHINE REFLECTIVE GLASS

Brand Name	Code	Colour	Thk (mm)	Visible Light			Solar Radiation			Summer U-Value(W/m2K)		SC	SHGC
				Trn (%)	Ref <sup>out</sup> (%)	Ref <sup>in</sup> (%)	Trn (%)	Ref (%)	Abs (%)	Air	Argon		

## Single Glazing Performance Data

### CGT Refshine#2

Refshine	1-632	Silver	6	32	12	24	31	11	58	4.71		0.53	0.46
	1-530	Light Blue	6	30	16	28	22	16	62	4.33		0.45	0.38
	1-540		6	40	11	23	31	10	59	4.70		0.55	0.47
	2-517	Blue	6	17	17	32	10	12	78	4.02		0.34	0.29
	2-525		6	25	12	28	15	9	76	4.33		0.40	0.34
	3-511	Grey	6	11	9	32	9	11	80	4.02		0.34	0.28
	3-515		6	15	7	28	13	9	78	4.33		0.40	0.34
	5-312	Green	6	12	24	38	6	14	80	3.86		0.30	0.25
	5-318		6	18	18	32	9	11	80	4.25		0.35	0.30
	6-518	Blue Green	6	18	17	33	9	11	80	4.02		0.34	0.29
	6-525		6	25	12	28	13	9	78	4.33		0.40	0.34

## Double Glazing Performance Data

### CGT 24mm Refshine Insulite

#### 6mm Refshine#2 + A12 + 6mm Clear

Refshine Insulite	1-632	Silver	24	29	13	24	25	11	64	2.66	2.51	0.41	0.35
	1-530	Light Blue	24	27	17	30	18	16	66	2.52	2.36	0.34	0.29
	1-540		24	36	12	25	25	11	64	2.65	2.50	0.43	0.37
	2-517	Blue	24	16	18	33	8	12	80	2.41	2.23	0.23	0.20
	2-525		24	23	13	30	12	9	79	2.52	2.36	0.28	0.24
	3-511	Grey	24	10	9	33	7	11	82	2.41	2.23	0.22	0.19
	3-515		24	14	8	30	11	9	80	2.52	2.36	0.27	0.23
	5-312	Green	24	10	25	38	5	14	81	2.35	2.16	0.19	0.16
	5-318		24	15	19	33	8	11	81	2.49	2.33	0.23	0.20
	6-518	Blue Green	24	16	17	33	8	11	81	2.41	2.23	0.23	0.19
	6-525		24	23	13	30	11	9	80	2.52	2.36	0.27	0.24

## Laminated Performance Data

### CGT 13.52mm Refshine Shatterpruf

#### 6mm Refshine#2 + 1.52mm Clear PVB + 6mm Clear

Refshine Shatterpruf	1-632	Silver	13.52	31	12	25	23	10	67	5.03		0.51	0.44
	1-530	Light Blue	13.52	29	15	28	21	14	65	5.03		0.48	0.41
	1-540		13.52	36	12	26	24	11	65	5.03		0.51	0.44
	2-517	Blue	13.52	16	18	34	8	12	80	5.03		0.39	0.33
	2-525		13.52	23	13	30	12	9	79	5.03		0.43	0.37
	3-511	Grey	13.52	10	9	34	7	11	82	5.03		0.39	0.33
	3-515		13.52	14	8	30	10	9	81	5.03		0.42	0.36
	5-312	Green	13.52	10	25	38	5	14	81	5.03		0.37	0.32
	5-318		13.52	15	19	34	7	11	82	5.03		0.39	0.33
	6-518	Blue Green	13.52	16	17	34	7	11	82	5.03		0.39	0.33
	6-525		13.52	23	13	30	11	9	80	5.03		0.43	0.36