

GEM WINDOWS AND DOORS – WERS (TIMBER)						Cool %	Heat %	Total Window - AFRC			
Updated 10-Jun-11								Uw	SHGC	Tvw	Air Inf
Window ID	Glazing	Cooling Stars	Heating Stars								
Timber Awning Window - Single Glazed											
GEM-003-01	3Clr	★★	★★★★★	34%	52%	4.8	0.58	0.60	0.17		
GEM-003-02	4EG	★★★	★★★★☆	48%	44%	4.8	0.40	0.49	0.17		
GEM-003-03	4SB	★★☆	★★★★☆	42%	48%	4.8	0.48	0.41	0.17		
GEM-003-04	4SGy	★★☆	★★★★☆	44%	47%	4.8	0.46	0.37	0.17		
GEM-003-05	6Sn	★★★☆	★★★★☆	53%	57%	3.7	0.41	0.46	0.17		
GEM-003-06	6.38CP	★★★☆	★★★★★	50%	64%	3.3	0.47	0.55	0.17		
GEM-003-07	4ET	★★★	★★★★★	48%	65%	3.4	0.49	0.56	0.17		
Timber Awning Window - Double Glazed											
GEM-004-04	3/12/3	★★★☆	★★★★☆	53%	71%	2.7	0.48	0.49	0.17		
GEM-004-05	3EG/12/3	★★★★☆	★★★★★	63%	63%	2.7	0.33	0.42	0.17		
GEM-004-06	4Clr/10Ar/4Clr	★★★☆	★★★★☆	53%	72%	2.6	0.47	0.49	0.17		
GEM-004-07	4Gy/10Ar/4Clr	★★★★☆	★★★★★	62%	65%	2.6	0.35	0.31	0.17		
GEM-004-08	4ET/10Ar/4Clr	★★★★☆	★★★★★	61%	74%	2.1	0.41	0.46	0.17		
GEM-004-09	4SnClr/10Ar/4Clr	★★★★★	★★★★☆	65%	68%	2.3	0.34	0.38	0.17		
GEM-004-10	6.38CPClr/10Ar/6.38Clr Lam	★★★★☆	★★★★☆	63%	73%	2.1	0.38	0.45	0.17		
GEM-004-11	4SolT/10Ar/4Clr	★★★★★	★★★★☆	68%	67%	2.1	0.29	0.34	0.17		
Timber Double Hung Window - Single Glazed											
GEM-007-01	3Clr	★☆	★★★☆	28%	32%	5.0	0.64	0.66	1.41		
GEM-007-02	4EG	★☆	★★★☆	29%	31%	5.0	0.63	0.66	1.41		

GEM-007-03	4SB	★ ★ ☆	★ ★ ★	39%	26%	5.0	0.51	0.46	1.41
GEM-007-04	4SGy	★ ★ ☆	★ ★ ★	41%	24%	5.0	0.48	0.41	1.41
GEM-007-05	6Sn	★ ★ ★ ☆	★ ★ ★ ★	51%	37%	3.7	0.44	0.50	1.41
GEM-007-06	6.38CP	★ ★ ★ ★	★ ★ ★ ★	57%	38%	3.4	0.38	0.43	1.41
Timber Bifold Window - Single Glazed									
GEM-010-01	3Clr	★ ★ ☆	★ ★ ★ ☆	39%	30%	4.8	0.53	0.54	0.22
GEM-010-02	4EG	★ ★ ☆	★ ★ ★ ☆	39%	30%	4.8	0.53	0.54	0.22
GEM-010-03	4SB	★ ★ ★	★ ★ ★	46%	25%	4.8	0.43	0.38	0.22
GEM-010-04	4SGy	★ ★ ★	★ ★ ★	48%	24%	4.8	0.40	0.33	0.22
GEM-010-05	6Sn	★ ★ ★ ★	★ ★ ★ ☆	55%	34%	3.8	0.37	0.41	0.22
GEM-010-06	6.38CP	★ ★ ★ ★	★ ★ ★ ☆	60%	34%	3.5	0.32	0.35	0.22
Timber Sliding Door - Single Glazed									
GEM-011-01	3Clr	★ ☆	★ ★ ★ ★	27%	36%	4.9	0.66	0.69	0.14
GEM-011-02	4EG	★ ☆	★ ★ ★ ★	27%	36%	4.9	0.66	0.69	0.14
GEM-011-03	4SB	★ ★	★ ★ ★ ☆	38%	30%	4.8	0.53	0.48	0.14
GEM-011-04	4SGy	★ ★ ☆	★ ★ ★ ☆	41%	28%	4.8	0.50	0.42	0.14
GEM-011-05	6Sn	★ ★ ★ ☆	★ ★ ★ ★ ☆	51%	42%	3.5	0.45	0.52	0.14
GEM-011-06	6.38CP	★ ★ ★ ★	★ ★ ★ ★ ☆	57%	43%	3.1	0.39	0.45	0.14
Timber Sliding Door - Double Glazed									
GEM-012-03	5EG/6/5	★ ★ ★ ★	★ ★ ★ ★ ☆	60%	43%	2.9	0.36	0.50	0.14
GEM-012-04	4Clr/10Ar/4Clr	★ ★ ★	★ ★ ★ ★ ★ ☆	46%	57%	2.7	0.57	0.61	0.14
GEM-012-05	4Gy/10Ar/4Clr	★ ★ ★ ★	★ ★ ★ ★ ★	57%	49%	2.7	0.42	0.38	0.14

GEM-012-06	4SE/10Ar/4Clr	★★★★☆	★★★★★	65%	52%	2.1	0.35	0.41	0.14
GEM-012-07	4SnClr/10Ar/4Clr	★★★★	★★★★★	60%	53%	2.2	0.41	0.47	0.14
GEM-012-08	6.38CPClr/10Ar/6.38Clr Lam	★★★★	★★★★★☆	57%	58%	2.0	0.46	0.56	0.14
Tri-slide Door - Single Glazed									
GEM-013-01	3Clr	★★	★★★★	35%	35%	4.6	0.59	0.60	0.54
GEM-013-02	4EG	★★	★★★★	35%	35%	4.6	0.58	0.60	0.54
GEM-013-03	4SB	★★☆	★★★☆☆	44%	30%	4.6	0.47	0.42	0.54
GEM-013-04	4SGy	★★★	★★★	46%	28%	4.6	0.44	0.37	0.54
GEM-013-05	6Sn	★★★☆☆	★★★★	55%	40%	3.4	0.40	0.45	0.54
GEM-013-06	6.38CP	★★★★	★★★★	60%	40%	3.1	0.35	0.39	0.54
Timber Bifold Door - Single Glazed									
GEM-014-01	3Clr	★★☆	★★★★	43%	38%	4.1	0.52	0.53	0.12
GEM-014-02	4EG	★★☆	★★★★	43%	38%	4.1	0.52	0.53	0.12
GEM-014-03	4SB	★★★☆☆	★★★☆☆	50%	33%	4.1	0.42	0.37	0.12
GEM-014-04	4SGy	★★★☆☆	★★★☆☆	52%	32%	4.1	0.39	0.33	0.12
GEM-014-05	6Sn	★★★★	★★★★☆	60%	42%	3.1	0.36	0.40	0.12
GEM-014-06	6.38CP	★★★★☆	★★★★☆	64%	42%	2.8	0.31	0.35	0.12
Timber Bifold Door - Double Glazed									
GEM-015-03	5EG/6/5	★★★★★	★★★★☆	66%	42%	2.6	0.29	0.39	0.12
GEM-015-04	4Clr/10Ar/4Clr	★★★★	★★★★★	56%	52%	2.6	0.45	0.48	0.12
GEM-015-05	4Gy/10Ar/4Clr	★★★★☆	★★★★☆	63%	46%	2.6	0.33	0.30	0.12
GEM-015-06	4SE/10Ar/4Clr	★★★★★☆	★★★★★	69%	47%	2.1	0.28	0.32	0.12

GEM-015-07	4SnClr/10Ar/4Clr	★★★★★	★★★★★	66%	49%	2.2	0.32	0.37	0.12
GEM-015-08	6.38CPClr/10Ar/6.38Clr Lam	★★★★☆	★★★★★	64%	53%	2.1	0.36	0.43	0.12
Timber Double Hung Window - Double Glazed									
GEM-016-01	3/6/3	★★★☆☆	★★★★★	44%	51%	3.1	0.56	0.60	1.14
GEM-016-02	3EG/6/3	★★★★	★★★★☆	57%	41%	3.1	0.39	0.51	1.14
GEM-016-03	5EG/6/5	★★★★	★★★★	60%	40%	3.1	0.35	0.48	1.14
GEM-016-04	3/12/3	★★★	★★★★★☆☆	45%	54%	2.8	0.57	0.60	1.14
GEM-016-05	3EG/12/3	★★★★	★★★★☆	59%	44%	2.8	0.38	0.51	1.14
Timber Bifold Window - Double Glazed									
GEM-017-01	3/6/3	★★★☆☆	★★★★☆	51%	46%	3.2	0.47	0.49	0.22
GEM-017-02	3EG/6/3	★★★★☆	★★★★	61%	38%	3.2	0.32	0.42	0.22
GEM-017-03	5EG/6/5	★★★★☆	★★★★	63%	36%	3.2	0.29	0.39	0.22
GEM-017-04	3/12/3	★★★☆☆	★★★★★	52%	49%	3.0	0.47	0.49	0.22
GEM-017-05	3EG/12/3	★★★★☆	★★★★	62%	40%	3.0	0.32	0.42	0.22
Tri-slide Door - Double Glazed									
GEM-018-03	5EG/6/5	★★★★☆	★★★★	62%	40%	2.9	0.32	0.44	0.54
GEM-018-04	4Clr/10Ar/4Clr	★★★☆☆	★★★★★	50%	52%	2.8	0.51	0.54	0.54
GEM-018-05	4Gy/10Ar/4Clr	★★★★	★★★★☆	59%	45%	2.8	0.38	0.33	0.54
GEM-018-06	4SE/10Ar/4Clr	★★★★★	★★★★☆	66%	47%	2.3	0.31	0.36	0.54
Paramount Timber Sliding Door - Single Glazed									
GEM-019-01	4Clr	★★	★★★☆☆	35%	34%	4.7	0.58	0.61	0.54
GEM-019-02	4Gy	★★★	★★★	45%	28%	4.7	0.45	0.38	0.54

GEM-019-03	4SG	★ ★ ★	★ ★ ★	49%	24%	4.7	0.40	0.49	0.54
GEM-019-04	4EA	★ ★ ★	★ ★ ★ ★ ☆	50%	47%	3.2	0.49	0.56	0.54
GEM-019-05	4SE	★ ★ ★ ★	★ ★ ★ ★	58%	40%	3.2	0.36	0.41	0.54
GEM-019-06	6.38CPClr	★ ★ ★ ☆	★ ★ ★ ★ ☆	51%	46%	3.1	0.47	0.56	0.54
GEM-019-07	4Bz	★ ★ ☆	★ ★ ★ ☆	43%	29%	4.7	0.48	0.43	0.54
GEM-019-08	6SnClr	★ ★ ★ ☆	★ ★ ★ ★	54%	39%	3.5	0.41	0.46	0.54
Paramount Timber Sliding Door - Double Glazed									
GEM-20-01	4/10Ar/4	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	50%	53%	2.7	0.51	0.54	0.54
GEM-20-02	4Gy/10Ar/4	★ ★ ★ ★	★ ★ ★ ★ ☆	60%	46%	2.7	0.38	0.34	0.54
GEM-20-03	4SE/10Ar/4	★ ★ ★ ★ ★	★ ★ ★ ★ ★	67%	49%	2.1	0.32	0.37	0.54
GEM-20-04	5SG/8Ar/5	★ ★ ★ ★ ☆	★ ★ ★ ★ ☆	64%	41%	2.8	0.31	0.43	0.54
GEM-20-05	4SnClr/10Ar/4Clr	★ ★ ★ ★ ☆	★ ★ ★ ★ ★	63%	50%	2.3	0.37	0.42	0.54
GEM-20-06	6.38CPClr/10Ar/6.38Clr Lam	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	60%	55%	2.1	0.41	0.50	0.54