

2009 WERS Certified Products Directory - AFRC

NOTES

1. U_w is the whole window U-value
2. SHGC_w is the whole window solar heat gain coefficient
3. T_{vw} is the whole window visible (light) transmittance
4. Percentage improvement figures are compared with using base-case Generic Window 1 (3mm clear in standard aluminium frame)
5. A negative percentage improvement figure indicates performance worse than the base-case window
6. A positive percentage improvement figure indicates performance better than the base-case window
7. Maximum air infiltration is 5.0L/s.m² at a positive pressure difference of 75 Pa as measured according to AS 2047
8. Static performance (U_w SHGC_w T_{vw} T_{dw}) calculated using Window 5.2 and Therm 5.2 software (LBNL), 2000-2003
9. Annual energy performance (stars and % improvements) calculated using Nationwide House Energy Rating Software (AccuRate) according to procedures of WERS 2008.
10. Results disclosed at National Fenestration Rating Council (NFRC) regulations.



Trend Windows & Doors						Cool %	Heat %	Total Window - NFRC					
Window ID	Glazing	Cooling Stars	Heating Stars	Uw	SHGC			Tvw	Air Inf.				
Updated - 13-May-10													
Trend: Aluminium Sliding Window - Single Glazed													
TND-001-01	3Clr	☆	★★☆	11%	14%	6.5	0.73	0.75	2.81				
TND-001-02	4Clr	☆	★★☆	13%	14%	6.4	0.72	0.72	2.81				
TND-001-03	4EA	★★☆	★★★	38%	24%	5.0	0.52	0.57	2.81				
TND-001-04	5Gry	★☆☆	★★☆	31%	6%	6.4	0.53	0.42	2.81				
TND-001-05	5EG	★★	★★☆	34%	5%	6.4	0.49	0.61	2.81				
TND-001-06	6EA	★★☆	★★★	39%	24%	5.0	0.51	0.57	2.81				
TND-001-07	6.38Lam	★	★★☆	17%	15%	6.3	0.69	0.74	2.81				
TND-001-08	6.38CP	★★★	★★★	46%	26%	4.6	0.44	0.49	2.81				
TND-001-09	6.38CP Gry	★★★	★★★	47%	25%	4.6	0.42	0.33	2.81				
TND-001-10	10.38Lam	★☆☆	★★	25%	11%	6.3	0.60	0.67	2.81				
TND-001-11	12.38Lam	★☆☆	★★	29%	10%	6.2	0.57	0.65	2.81				
Trend: Aluminium Sliding Window/Timber Bead - Single Glazed													
TND-018-01	3Clr	☆	★★☆	12%	17%	6.3	0.74	0.76	2.81				
Trend: Aluminium Sliding Window - Double Glazed													
TND-001-12	4Clr / 10 / 4Clr	★★	★★★★	37%	36%	4.3	0.58	0.61	2.81				
TND-001-13	4Gry / 10 / 4Clr	★★★	★★★★☆	49%	29%	4.3	0.43	0.38	2.81				
TND-001-14	4Clr / 10 / 4EA	★★☆	★★★★	43%	41%	3.7	0.54	0.56	2.81				
TND-001-15	4Clr / 10Ar / 4Clr	★★	★★★★	37%	38%	4.2	0.58	0.61	2.81				
TND-001-16	4Gry / 10Ar / 4Clr	★★★	★★★★☆	47%	32%	4.2	0.46	0.43	2.81				
TND-001-17	4Clr / 10Ar / 4EA	★★☆	★★★★☆	43%	44%	3.5	0.55	0.56	2.81				
TND-001-18	4Gry / 10Ar / 4EA	★★★☆☆	★★★★	53%	38%	3.5	0.42	0.39	2.81				
TND-001-19	3Clr / 12 / 3Clr	★★	★★★★	36%	38%	4.2	0.60	0.62	2.81				
TND-001-20	5Clr / 10 / 4Clr	★★	★★★★	38%	36%	4.3	0.57	0.61	2.81				

Trend: Aluminium Awning Window - Single Glazed										
TND-002-01	3Clr	★	★★★☆☆	18%	31%	6.6	0.66	0.66	0.04	
TND-002-02	4Clr	★	★★★★	21%	34%	6.4	0.65	0.66	0.04	
TND-002-03	4EA	★★★☆☆	★★★★☆	41%	42%	5.2	0.47	0.50	0.04	
TND-002-04	5Clr	★	★★★★	22%	34%	6.4	0.64	0.66	0.04	
TND-002-05	5Gry	★★	★★★☆☆	35%	26%	6.4	0.48	0.37	0.04	
TND-002-06	6EA	★★★☆☆	★★★★☆	42%	42%	5.2	0.46	0.50	0.04	
TND-002-07	6.38Lam	★	★★★★	23%	35%	6.3	0.62	0.65	0.04	
TND-002-08	6.38CP	★★★	★★★★☆	48%	44%	4.8	0.40	0.43	0.04	
TND-002-09	6.38CP Gry	★★★	★★★★☆	49%	43%	4.8	0.39	0.29	0.04	
TND-002-10	10.38Lam	★☆☆	★★★★	27%	34%	6.2	0.59	0.64	0.04	
TND-002-11	12.38Lam	★☆☆	★★★★	31%	34%	6.1	0.55	0.62	0.04	
Trend: Aluminium Awning Window - Double Glazed										
TND-002-12	4Clr / 10 / 4Clr	★★★☆☆	★★★★★☆☆	39%	59%	4.2	0.57	0.58	0.04	
TND-002-13	4Gry / 10 / 4Clr	★★★	★★★★★	50%	52%	4.2	0.42	0.36	0.04	
TND-002-14	4Clr / 10 / 4EA	★★★☆☆	★★★★★☆☆	44%	64%	3.7	0.53	0.54	0.04	
TND-002-15	4Clr / 10Ar / 4Clr	★★★☆☆	★★★★★☆☆	39%	61%	4.1	0.57	0.58	0.04	
TND-002-16	4Gry / 10Ar / 4Clr	★★★	★★★★★☆☆	48%	55%	4.1	0.45	0.41	0.04	
TND-002-17	4Clr / 10Ar / 4EA	★★★	★★★★★☆☆	45%	66%	3.5	0.53	0.54	0.04	
TND-002-18	4Gry / 10Ar / 4EA	★★★☆☆	★★★★★☆☆	54%	60%	3.5	0.41	0.38	0.04	
Trend: Aluminium Double Hung Window - Single Glazed										
TND-020-01	3Clr	☆☆	★★★☆☆	10%	18%	6.3	0.75	0.77	2.57	
TND-020-02	5Clr	☆☆	★★★☆☆	13%	17%	6.3	0.73	0.76	2.57	
TND-020-03	5Gry	★★★		46%	-3%	6.3	0.33	0.11	2.57	
TND-020-04	5EG	★★	★★	33%	7%	6.3	0.50	0.63	2.57	
TND-020-05	6.38CP	★★★	★★★☆☆	47%	29%	4.4	0.45	0.50	2.57	
TND-020-06	6.38Lam	☆☆	★★★☆☆	15%	16%	6.3	0.71	0.76	2.57	
TND-020-07	6.38CPGy	★★★	★★★	47%	26%	4.5	0.43	0.33	2.57	
Trend: Aluminium Double Hung Window - Double Glazed										
TND-029-01	4Clr / 10 / 4Clr	★★	★★★★	38%	38%	4.1	0.58	0.60	3.00	
TND-029-02	4Gry / 10 / 4Clr	★★★	★★★★☆	49%	31%	4.1	0.43	0.38	3.00	
TND-029-03	4Clr / 10 / 4EA	★★★☆☆	★★★★★☆☆	44%	43%	3.6	0.54	0.56	3.00	
TND-029-04	5Clr / 8 / 5Clr	★★★☆☆	★★★★	39%	37%	4.2	0.56	0.60	3.00	
Trend: Aluminium Hinged Door - Single Glazed										
TND-021-01	4Clr I	★☆☆	★★★☆☆	26%	17%	6.0	0.61	0.61	1.00	
TND-021-02	5Clr I	★☆☆	★★★☆☆	27%	17%	6.0	0.60	0.61	1.00	
TND-021-03	5Gry I	★★★☆☆		51%	0%	6.0	0.27	0.85	1.00	
TND-021-04	6.38Lam	★☆☆	★★★☆☆	29%	17%	5.9	0.58	0.61	1.00	

TND-021-05	6.38CP	★ ★ ★ ☆	★ ★ ★	52%	25%	4.5	0.37	0.40	1.00
TND-021-06	6.38CP Gry	★ ★ ★ ☆	★ ★ ★	52%	25%	4.5	0.36	0.27	1.00
Trend: Aluminium Provincial door - Double Glazed									
TND-030-01	4/10/4	★ ★ ☆	★ ★ ★ ☆	43%	32%	4.2	0.51	0.52	5.00
TND-030-02	4Gy/10/4	★ ★ ★ ☆	★ ★ ★	52%	25%	4.2	0.38	0.32	5.00
Trend: Aluminium Sliding Door - Single Glazed									
TND-017-01	4Clr	☆	★ ★ ☆	11%	16%	6.5	0.73	0.77	1.33
TND-017-02	5Clr	☆	★ ★ ☆	13%	16%	6.4	0.72	0.76	1.33
TND-017-03	5Gry	★ ☆	★ ★	30%	8%	6.4	0.54	0.43	1.33
TND-017-04	5EG	★ ★	★ ☆	33%	6%	6.4	0.50	0.63	1.33
TND-017-05	6.38Lam	☆	★ ★ ☆	15%	17%	6.3	0.70	0.76	1.33
TND-017-06	6.38CP	★ ★	★ ★ ★ ★	31%	37%	4.6	0.63	0.70	1.33
TND-017-07	6.38CP Gry	★ ★ ★	★ ★ ★	47%	27%	4.6	0.43	0.33	1.33
TND-017-08	10.38Lam	★	★ ★ ☆	22%	16%	6.2	0.65	0.73	1.33
Trend: Aluminium Sliding Door - Double Glazed									
TND-017-09	4Clr / 10Ar / 4Clr	★ ★	★ ★ ★ ★ ☆	36%	46%	3.8	0.62	0.67	1.33
TND-017-10	4Gry / 10Ar / 4Clr	★ ★ ★	★ ★ ★ ★	49%	38%	3.8	0.46	0.41	1.33
TND-017-11	4Clr / 10Ar / 4EA	★ ★ ☆	★ ★ ★ ★ ★	43%	53%	3.0	0.59	0.61	1.33
TND-017-12	4Gry / 10Ar / 4EA	★ ★ ★ ★	★ ★ ★ ★ ☆	56%	44%	3.0	0.41	0.38	1.33
Trend: Aluminium Internal offset glazed window - Single Glazed									
TND-024-01	5Clr	☆	★ ★ ★	12%	23%	6.1	0.74	0.79	0.00
TND-024-02	5Gry	★ ☆	★ ★ ☆	31%	14%	6.1	0.55	0.45	0.00
TND-024-03	6.38Lam	☆	★ ★ ★	14%	23%	6.1	0.73	0.79	0.00
TND-024-04	6.38CP	★ ★ ★	★ ★ ★ ★	48%	35%	4.1	0.46	0.52	0.00
TND-024-05	6.38CP Gry	★ ★ ★	★ ★ ★ ☆	49%	35%	4.1	0.44	0.35	0.00
Trend: Aluminium Internal offset glazed window - Double Glazed									
TND-031-01	4/10/4	★ ★	★ ★ ★ ★ ★	33%	52%	3.5	0.66	0.71	0.00
TND-031-02	4/10Ar/4	★ ★	★ ★ ★ ★ ★ ☆	34%	54%	3.3	0.66	0.71	0.00
TND-031-03	5/14/5	★ ★	★ ★ ★ ★ ★ ☆	36%	54%	3.3	0.65	0.71	0.00
TND-031-04	6/12/6EA	★ ★ ☆	★ ★ ★ ★ ★ ☆	44%	59%	2.6	0.60	0.65	0.00
Trend: Aluminium Bi-Fold Door - Single Glazed									
TND-022-01	5Clr	★ ☆	★ ★ ☆	28%	17%	6.0	0.59	0.60	0.67
TND-022-02	6.38Lam	★ ☆	★ ★ ☆	30%	17%	5.9	0.57	0.60	0.67
TND-022-03	6.38CP	★ ★ ★ ☆	★ ★ ★	52%	26%	4.4	0.36	0.40	0.67
Trend: Aluminium Bi-Fold Door - Double Glazed									
TND-026-01	4Clr / 10Ar / 4Clr	★ ★ ☆	★ ★ ★ ★	44%	39%	4.0	0.52	0.54	0.67
TND-026-02	4Gry / 10Ar / 4Clr	★ ★ ★ ☆	★ ★ ★ ☆	53%	32%	4.0	0.38	0.33	0.67
TND-026-03	4/ 10Ar / 4EA	★ ★ ★	★ ★ ★ ★ ☆	49%	44%	3.4	0.49	0.49	0.67

TND-026-04	4Gry / 10Ar / 4EA	★★★★	★★★★	59%	36%	3.4	0.34	0.31	0.67
Trend: Crestlite Front Glazed Window - Single Glazed									
TND-027-01	6Clr	★	★★	16%	12%	6.7	0.68	0.72	0.06
TND-027-02	6EcAd Clr	★☆	★★	28%	7%	6.6	0.55	0.54	0.06
TND-027-03	6.38CP	★★	★★★☆☆	33%	31%	5.0	0.59	0.67	0.06
TND-027-04	6.38CPGy	★★★	★★★	46%	22%	5.0	0.42	0.32	0.06
TND-027-05	8.38Lam	★	★★	19%	13%	6.5	0.65	0.71	0.06
Trend: Crestlite Center Glazed Window - Single Glazed									
TND-032-01	6Clr	★	★★☆	15%	21%	6.1	0.71	0.76	0.46
TND-032-02	6EA	★★	★★★★	34%	40%	4.3	0.61	0.70	0.46
TND-032-03	6.38CPClr	★★★	★★★☆☆	47%	32%	4.3	0.45	0.51	0.46
TND-032-04	6.38CPGy	★★★	★★★☆☆	48%	31%	4.3	0.43	0.33	0.46
Trend: Crestlite Center Glazed Window - Double Glazed									
TND-032-05	4/16/6EA	★★☆	★★★★★☆☆	42%	55%	2.9	0.60	0.62	0.46
TND-032-06	6/12/6EA	★★★	★★★★★☆☆	44%	54%	2.9	0.57	0.62	0.46
TND-032-07	6/12Ar/6EA	★★★	★★★★★☆☆	45%	57%	2.7	0.58	0.62	0.46
TND-032-08	6.38CPNtrl/12/6EA	★★★★☆	★★★★☆☆	60%	44%	2.8	0.36	0.41	0.46
TND-032-09	6.38CPNtrl/12Ar/6EA	★★★★☆	★★★★☆☆	62%	46%	2.6	0.36	0.41	0.46
TND-032-10	6Gy/12/6EA	★★★★☆	★★★★☆☆	61%	42%	2.9	0.35	0.31	0.46
Trend: Quantum Sliding Window - Single Glazed									
TND-004-01	4Clr	★	★★☆	20%	15%	6.4	0.66	0.67	0.84
TND-004-02	4EG	★★	★★☆	37%	5%	6.4	0.45	0.56	0.84
TND-004-03	4EA	★★☆	★★★	41%	23%	5.1	0.48	0.52	0.84
TND-004-04	5Clr	★	★★☆	22%	15%	6.3	0.64	0.66	0.84
TND-004-05	5Gry	★★	★★	35%	7%	6.3	0.48	0.37	0.84
TND-004-06	5EA	★★	★★★☆☆	37%	32%	4.7	0.55	0.62	0.84
TND-004-07	6EA	★★☆	★★★	43%	24%	5.0	0.46	0.51	0.84
TND-004-08	6.38Lam	★	★★☆	23%	15%	6.2	0.63	0.66	0.84
TND-004-09	6.38CP	★★★	★★★	49%	24%	4.7	0.40	0.44	0.84
TND-004-10	6.38CP Gry	★★★	★★★	50%	24%	4.7	0.39	0.29	0.84
TND-004-11	10.38Lam	★☆	★★☆	27%	15%	6.1	0.59	0.65	0.84
TND-004-12	12.38Lam	★☆	★★☆	31%	15%	6.0	0.56	0.63	0.84
Trend: Quantum Sliding Window - Double Glazed									
TND-004-13	4/8Ar/4	★★☆	★★★★	39%	40%	4.1	0.57	0.60	0.84
TND-004-14	4Gry/8Ar/4	★★★	★★★☆☆	48%	35%	4.1	0.46	0.42	0.84
TND-004-15	4/8Ar/4EA	★★★	★★★★☆	44%	45%	3.5	0.54	0.55	0.84
TND-004-16	4Gry/8Ar/4EA	★★★☆☆	★★★★	53%	39%	3.5	0.42	0.39	0.84
TND-004-17	3 Clr / 10 / 3 Clr	★★★	★★★★	37%	40%	4.2	0.59	0.60	0.84

TND-004-18	3 Clr / 10Ar / 3 Clr	★ ★	★ ★ ★ ★	37%	41%	4.1	0.59	0.60	0.84
TND-004-19	3 Clr / 10 / 3 EA	★ ★ ☆	★ ★ ★ ★ ★	44%	47%	3.4	0.55	0.56	0.84
TND-004-20	5Clr / 6 / 5Clr	★ ★ ☆	★ ★ ★ ★	39%	36%	4.4	0.56	0.59	0.84
TND-004-21	5Clr / 6 / 5EA	★ ★ ☆	★ ★ ★ ★	44%	39%	4.0	0.52	0.55	0.84
Trend: Quantum Awning Window - Single Glazed									
TND-005-01	4Clr	★ ☆	★ ★ ★ ☆	26%	30%	6.5	0.59	0.58	0.98
TND-005-02	4EA	★ ★ ☆	★ ★ ★ ★	43%	37%	5.4	0.43	0.45	0.98
TND-005-03	5Clr	★ ☆	★ ★ ★ ☆	26%	30%	6.4	0.58	0.58	0.98
TND-005-04	5Gry	★ ★	★ ★ ★	37%	23%	6.4	0.44	0.33	0.98
TND-005-05	5EA	★ ★ ☆	★ ★ ★ ★ ☆	39%	44%	5.1	0.50	0.54	0.98
TND-005-06	6EA	★ ★ ☆	★ ★ ★ ★	43%	34%	5.6	0.42	0.44	0.98
TND-005-07	6.38Lam	★ ☆	★ ★ ★ ☆	28%	30%	6.4	0.56	0.58	0.98
TND-005-08	6.38CP	★ ★ ★	★ ★ ★ ★	49%	38%	5.0	0.37	0.38	0.98
TND-005-09	6.38CP Gry	★ ★ ★	★ ★ ★ ★	49%	37%	5.0	0.36	0.25	0.98
TND-005-10	10.38Lam	★ ★	★ ★ ★ ☆	32%	30%	6.3	0.53	0.56	0.98
TND-005-11	12.38Lam	★ ★	★ ★ ★ ☆	34%	29%	6.2	0.50	0.55	0.98
Trend: Quantum Awning Window - Double Glazed									
TND-005-12	5Clr / 6 / 5Clr	★ ★ ☆	★ ★ ★ ★ ★	41%	48%	4.7	0.50	0.51	0.98
TND-005-13	5Clr / 6 / 5EA	★ ★ ★	★ ★ ★ ★ ★	46%	51%	4.4	0.47	0.48	0.98
TND-005-14	4Clr / 8Ar / 4Clr	★ ★ ☆	★ ★ ★ ★ ★	42%	52%	4.5	0.51	0.52	0.98
TND-005-15	4Gry / 8Ar / 4	★ ★ ★	★ ★ ★ ★ ☆	49%	47%	4.5	0.41	0.36	0.98
TND-005-16	4Clr / 8Ar / 4EA	★ ★ ★	★ ★ ★ ★ ★ ☆	46%	57%	4.0	0.48	0.48	0.98
TND-005-17	4Gry / 8Ar / 4EA	★ ★ ★ ☆	★ ★ ★ ★ ★	54%	51%	4.0	0.38	0.33	0.98
Trend: Quantum Casement Window - Single Glazed									
TND-023-01	3Clr	★ ★	★ ★ ☆	38%	16%	6.8	0.41	0.37	0.52
TND-023-02	5Clr	★ ★ ☆	★ ★ ☆	39%	16%	6.7	0.39	0.36	0.52
TND-023-03	5EG	★ ★ ★	★ ★ ☆	46%	10%	6.7	0.29	0.30	0.52
TND-023-04	5Gry	★ ★ ★	★ ★ ☆	45%	11%	6.7	0.30	0.21	0.52
TND-023-05	6.38CP	★ ★ ★ ☆	★ ★ ★	52%	20%	5.9	0.26	0.24	0.52
TND-023-06	6.38CP Gry	★ ★ ★ ☆	★ ★ ★	53%	20%	5.9	0.25	0.16	0.52
Trend: Quantum Sliding Door - Single Glazed									
TND-017-01	4Clr	☆	★ ★ ☆	11%	16%	6.5	0.73	0.77	1.33
TND-017-02	5Clr	☆	★ ★ ☆	13%	16%	6.4	0.72	0.76	1.33
TND-017-03	5Gry	★ ☆	★ ★	30%	8%	6.4	0.54	0.43	1.33
TND-017-04	5EG	★ ★	★ ☆	33%	6%	6.4	0.50	0.63	1.33
TND-017-05	6.38Lam	☆	★ ★ ☆	15%	17%	6.3	0.70	0.76	1.33
TND-017-06	6.38CP	★ ★	★ ★ ★ ★	31%	37%	4.6	0.63	0.70	1.33
TND-017-07	6.38CP Gry	★ ★ ★	★ ★ ★	47%	27%	4.6	0.43	0.33	1.33

TND-017-08	10.38Lam	★	★★★☆☆	22%	16%	6.2	0.65	0.73	1.33
Trend: Quantum Sliding Door - Double Glazed									
TND-017-09	4Clr / 10Ar / 4Clr	★★	★★★★☆	36%	46%	3.8	0.62	0.67	1.33
TND-017-10	4Gry / 10Ar / 4Clr	★★★	★★★★	49%	38%	3.8	0.46	0.41	1.33
TND-017-11	4Clr / 10Ar / 4EA	★★☆☆	★★★★★	43%	53%	3.0	0.59	0.61	1.33
TND-017-12	4Gry / 10Ar / 4EA	★★★★	★★★★☆	56%	44%	3.0	0.41	0.38	1.33
Trend: Xtreme Sliding Window - Single Glazed									
TND-004-04	5Clr	★	★★★☆☆	22%	15%	6.3	0.64	0.66	0.84
TND-004-05	5Gry	★★	★★★	35%	7%	6.3	0.48	0.37	0.84
TND-004-06	5EA	★★	★★★☆☆	37%	32%	4.7	0.55	0.62	0.84
TND-004-07	6EA	★★☆☆	★★★	43%	24%	5.0	0.46	0.51	0.84
Trend: Xtreme Sliding Window - Double Glazed									
TND-004-20	5Clr / 6 / 5Clr	★★☆☆	★★★★	39%	36%	4.4	0.56	0.59	0.84
TND-004-21	5Clr / 6 / 5EA	★★☆☆	★★★★	44%	39%	4.0	0.52	0.55	0.84
Trend: Xtreme Awning Window - Single Glazed									
TND-005-03	5Clr	★☆☆	★★★☆☆	26%	30%	6.4	0.58	0.58	0.98
TND-005-04	5Gry	★★	★★★	37%	23%	6.4	0.44	0.33	0.98
TND-005-05	5EA	★★☆☆	★★★★☆	39%	44%	5.1	0.50	0.54	0.98
TND-005-06	6EA	★★☆☆	★★★	44%	36%	5.4	0.42	0.44	0.98
Trend: Xtreme Awning Window - Double Glazed									
TND-005-12	5Clr / 6 / 5Clr	★★☆☆	★★★★★	41%	48%	4.7	0.50	0.51	0.98
TND-005-13	5Clr / 6 / 5EA	★★★	★★★★★	46%	51%	4.4	0.47	0.48	0.98
Trend: Xtreme Sliding Door - Double Glazed									
TND-006-01	5 Clr I	★	★★★☆☆	16%	17%	6.3	0.70	0.74	2.14
TND-006-02	5EA	★★	★★★★	34%	35%	4.5	0.60	0.69	2.14
TND-006-03	5/6/5	★★	★★★★	36%	41%	4.0	0.61	0.66	2.14
TND-006-04	5Clr / 6 / 5EA	★★☆☆	★★★★☆	42%	45%	3.6	0.57	0.61	2.14
Trend: Xtreme Hinged Door - Single Glazed									
TND-021-02	5Clr I	★☆☆	★★★☆☆	27%	17%	6.0	0.60	0.61	1.00
TND-021-03	5Gry I	★★★☆☆		51%	0%	6.0	0.27	0.85	1.00
Trend: Xtreme Crestlite Internal Glazed Window - Single Glazed									
TND-024-01	5Clr	☆☆	★★★	12%	23%	6.1	0.74	0.79	0.00
TND-024-02	5Gry	★☆☆	★★★☆☆	31%	14%	6.1	0.55	0.45	0.00
Trend: Xtreme Bi-Fold Door - Single Glazed									
TND-022-01	5Clr	★★☆☆	★★★☆☆	28%	17%	6.0	0.59	0.60	0.67
Trend: Timber Awning Window - Single Glazed									
TND-007-01	3Clr	★★	★★★★★	36%	54%	4.6	0.58	0.59	0.22
TND-007-02	4Clr	★★	★★★★★	37%	54%	4.6	0.57	0.59	0.22

TND-007-03	4EA	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	54%	59%	3.5	0.41	0.45	0.22	
TND-007-04	5Clr	★ ★	★ ★ ★ ★ ★	38%	54%	4.6	0.56	0.59	0.22	
TND-007-05	5Gry	★ ★ ★	★ ★ ★ ★ ☆	48%	47%	4.6	0.41	0.33	0.22	
TND-007-06	6EA	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	55%	59%	3.5	0.40	0.45	0.22	
TND-007-07	6.38Lam	★ ★ ☆	★ ★ ★ ★ ★	39%	54%	4.5	0.54	0.59	0.22	
TND-007-08	6.38CP	★ ★ ★ ★	★ ★ ★ ★ ★ ☆	60%	59%	3.2	0.35	0.39	0.22	
TND-007-09	6.38CP Gry	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	61%	59%	3.1	0.33	0.26	0.22	
Trend: Timber Awning Window - Double Glazed										
TND-007-10	3Clr / 8 / 3Clr	★ ★ ★	★ ★ ★ ★ ★ ★ ☆	50%	73%	2.8	0.51	0.54	0.22	
TND-007-11	4Clr / 12Ar / 4Clr	★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★	52%	75%	2.5	0.50	0.53	0.22	
TND-007-12	4Gry / 12Ar / 4Clr	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ☆	60%	69%	2.5	0.39	0.37	0.22	
TND-007-13	4Clr / 12Ar / 4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ☆	57%	79%	1.9	0.47	0.49	0.22	
TND-007-14	4Gry / 12Ar / 4EA	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★	65%	73%	1.9	0.36	0.34	0.22	
TND-007-15	4Clr / 6 / 4Clr	★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ☆	51%	71%	2.8	0.50	0.53	0.22	
TND-007-16	4Gry / 6 / 4Clr	★ ★ ★ ★	★ ★ ★ ★ ★ ★	60%	64%	2.8	0.37	0.33	0.22	
TND-007-17	4Clr / 6 / 4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★	55%	73%	2.5	0.46	0.49	0.22	
Trend: Timber Casement Window - Single Glazed										
TND-008-01	3Clr	★ ★	★ ★ ★ ★ ★	34%	54%	4.7	0.60	0.61	0.12	
TND-008-02	4Clr	★ ★	★ ★ ★ ★ ★	35%	54%	4.7	0.58	0.61	0.12	
TND-008-03	4EA	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	53%	59%	3.6	0.42	0.47	0.12	
TND-008-04	5Clr	★ ★	★ ★ ★ ★ ★	36%	54%	4.7	0.58	0.61	0.12	
TND-008-05	5Gry	★ ★ ★	★ ★ ★ ★ ☆	47%	46%	4.7	0.43	0.34	0.12	
TND-008-06	6EA	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	53%	59%	3.5	0.41	0.46	0.12	
TND-008-07	6.38Lam	★ ★	★ ★ ★ ★ ★	37%	54%	4.6	0.56	0.61	0.12	
TND-008-08	6.38CP	★ ★ ★ ★	★ ★ ★ ★ ★ ☆	59%	60%	3.2	0.36	0.40	0.12	
TND-008-09	6.38CP Gry	★ ★ ★ ★	★ ★ ★ ★ ★ ☆	60%	59%	3.2	0.35	0.27	0.12	
Trend: Timber Casement Window - Double Glazed										
TND-008-10	3Clr / 8 / 3Clr	★ ★ ★	★ ★ ★ ★ ★ ★ ★	49%	73%	2.8	0.53	0.56	0.12	
TND-008-11	4Clr / 12Ar / 4Clr	★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★	51%	75%	2.5	0.51	0.55	0.12	
TND-008-12	4Gry / 12Ar / 4Clr	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ☆	59%	70%	2.5	0.41	0.39	0.12	
TND-008-13	4Clr / 12Ar / 4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ☆	56%	80%	2.0	0.48	0.51	0.12	
TND-008-14	4Gry / 12Ar / 4EA	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★	64%	74%	2.0	0.37	0.36	0.12	
TND-008-15	4Clr / 6 / 4Clr	★ ★ ★	★ ★ ★ ★ ★ ★ ☆	49%	71%	2.9	0.51	0.55	0.12	
TND-008-16	4Gry / 6 / 4Clr	★ ★ ★ ★	★ ★ ★ ★ ★ ★	59%	64%	2.9	0.38	0.34	0.12	
TND-008-17	4Clr / 6 / 4EA	★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★	54%	74%	2.5	0.47	0.51	0.12	
Trend: Timber Double Hung Window - Single Glazed										
TND-025-01	3Clr	★ ☆	★ ★ ★ ☆	27%	33%	5.0	0.65	0.65	1.13	
TND-025-02	5Clr	★ ☆	★ ★ ★ ☆	29%	32%	4.9	0.63	0.67	1.13	

TND-025-03	5Gy	★ ★ ☆	★ ★ ★	43%	24%	4.9	0.46	0.38	1.13
TND-025-08	6.38CP	★ ★ ★ ★	★ ★ ★ ★	56%	39%	3.4	0.39	0.44	1.13
TND-025-09	6.38CPGy	★ ★ ★ ★	★ ★ ★ ★	57%	38%	3.4	0.37	0.29	1.13
Trend: Timber Double Hung Window - Double Glazed									
TND-025-04	3/12/3	★ ★ ★ ★	★ ★ ★ ★ ☆	59%	45%	2.8	0.39	0.52	1.13
TND-025-05	5/8/5	★ ★ ★	★ ★ ★ ★ ★	46%	52%	2.9	0.55	0.60	1.13
TND-025-06	5/8Ar/5EA	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	52%	59%	2.2	0.52	0.56	1.13
TND-025-07	5Gy/8Ar/5EA	★ ★ ★ ★ ★	★ ★ ★ ★ ★	65%	49%	2.2	0.34	0.31	1.13
Trend: Timber Sliding Door - Single Glazed									
TND-009-01	4Clr	★ ★	★ ★ ★ ☆	35%	34%	4.6	0.58	0.61	1.27
TND-009-02	4EA	★ ★ ★ ☆	★ ★ ★ ★	53%	39%	3.5	0.42	0.47	1.27
TND-009-03	5Clr	★ ★	★ ★ ★ ☆	36%	34%	4.6	0.57	0.60	1.27
TND-009-04	5Gry	★ ★ ★	★ ★ ★	47%	26%	4.6	0.43	0.34	1.27
TND-009-05	5EA	★ ★ ★	★ ★ ★	49%	25%	4.6	0.40	0.50	1.27
TND-009-06	6EA	★ ★ ★ ☆	★ ★ ★ ★	54%	39%	3.5	0.41	0.46	1.27
TND-009-07	6.38Lam	★ ★	★ ★ ★ ☆	37%	34%	4.6	0.56	0.60	1.27
TND-009-08	6.38CP	★ ★ ★ ★	★ ★ ★ ★	59%	39%	3.2	0.36	0.40	1.27
TND-009-09	6.38CP Gry	★ ★ ★ ★	★ ★ ★ ★	60%	39%	3.1	0.34	0.27	1.27
Trend: Timber Sliding Door - Double Glazed									
TND-009-10	5Clr / 6 / 5Clr	★ ★ ★ ☆	★ ★ ★ ★ ★	51%	51%	2.8	0.50	0.54	1.27
TND-009-11	4Clr / 12Ar / 4Clr	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	51%	55%	2.5	0.51	0.55	1.27
TND-009-12	4Gry / 12Ar / 4Clr	★ ★ ★ ★	★ ★ ★ ★ ★	59%	50%	2.5	0.41	0.38	1.27
TND-009-13	4Clr / 12Ar / 4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★	56%	60%	1.9	0.48	0.50	1.27
TND-009-14	4Gry / 12Ar / 4EA	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	64%	54%	1.9	0.37	0.35	1.27
TND-009-15	4Clr / 6 / 4Clr	★ ★ ★	★ ★ ★ ★ ★	50%	51%	2.8	0.51	0.55	1.27
TND-009-16	4Gry / 6 / 4Clr	★ ★ ★ ★	★ ★ ★ ★ ☆	59%	44%	2.8	0.38	0.34	1.27
TND-009-17	4Clr / 6 / 4EA	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	54%	54%	2.4	0.47	0.50	1.27
Trend: Synergy uPVC Awning Window - Double Glazed									
TND-013-01	4/16/4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★	57%	78%	2.0	0.47	0.49	0.22
TND-013-02	4/16Ar/4	★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★	52%	76%	2.4	0.50	0.54	0.22
TND-013-03	4/16Ar/4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★ ☆	57%	80%	1.9	0.47	0.49	0.22
TND-013-04	4/17Ar/4	★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★	53%	76%	2.4	0.50	0.53	0.22
TND-013-05	4/17Ar/4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★ ☆	57%	80%	1.9	0.47	0.49	0.22
TND-013-06	4EG/17Ar/4	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★	65%	66%	2.4	0.32	0.44	0.22
TND-013-07	4EG/17Ar/4EA	★ ★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★ ☆	70%	69%	1.9	0.28	0.40	0.22
TND-013-08	5Gy/14/5	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★	64%	66%	2.5	0.33	0.30	0.22
TND-013-09	5Gy/14Ar/5	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★	64%	67%	2.4	0.33	0.30	0.22
TND-013-10	6Carib/14/4	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★	68%	62%	2.5	0.27	0.40	0.22

TND-013-11	6Carib/14Ar/4	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★	69%	63%	2.4	0.26	0.40	0.22
TND-013-12	6Carib/14Ar/4EA	★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★	74%	66%	1.9	0.23	0.37	0.22
TND-013-13	6SCGy/14/4	★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ☆	74%	57%	2.5	0.19	0.10	0.22
TND-013-14	6SCGy/14Ar/4	★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ☆	74%	57%	2.4	0.19	0.10	0.22
Trend: Synergy uPVC Casement Window - Double Glazed									
TND-013-01	4/16/4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ★	57%	78%	2.0	0.47	0.49	0.22
TND-013-02	4/16Ar/4	★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★	52%	76%	2.4	0.50	0.54	0.22
TND-013-03	4/16Ar/4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ☆	57%	80%	1.9	0.47	0.49	0.22
TND-013-04	4/17Ar/4	★ ★ ★ ☆	★ ★ ★ ★ ★ ★ ★	53%	76%	2.4	0.50	0.53	0.22
TND-013-05	4/17Ar/4EA	★ ★ ★ ★	★ ★ ★ ★ ★ ★ ☆	57%	80%	1.9	0.47	0.49	0.22
TND-013-06	4EG/17Ar/4	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★	65%	66%	2.4	0.32	0.44	0.22
TND-013-07	4EG/17Ar/4EA	★ ★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	70%	69%	1.9	0.28	0.40	0.22
TND-013-08	5Gy/14/5	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ★	64%	66%	2.5	0.33	0.30	0.22
TND-013-09	5Gy/14Ar/5	★ ★ ★ ★ ☆	★ ★ ★ ★ ★ ★	64%	67%	2.4	0.33	0.30	0.22
TND-013-10	6Carib/14/4	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★	68%	62%	2.5	0.27	0.40	0.22
TND-013-11	6Carib/14Ar/4	★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★	69%	63%	2.4	0.26	0.40	0.22
TND-013-12	6Carib/14Ar/4EA	★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ★	74%	66%	1.9	0.23	0.37	0.22
TND-013-13	6SCGy/14/4	★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ☆	74%	57%	2.5	0.19	0.10	0.22
TND-013-14	6SCGy/14Ar/4	★ ★ ★ ★ ★ ★	★ ★ ★ ★ ★ ☆	74%	57%	2.4	0.19	0.10	0.22
Trend: Synergy uPVC Sliding Door - Double Glazed									
TND-014-01	4/17Ar/4	★ ★ ☆	★ ★ ★ ★ ★ ★	42%	60%	2.6	0.62	0.67	0.40
TND-014-02	4EG/17Ar/4	★ ★ ★ ★	★ ★ ★ ★ ★	59%	48%	2.6	0.39	0.55	0.40
TND-014-03	4/17Ar/4EA	★ ★ ★	★ ★ ★ ★ ★ ☆	48%	65%	1.9	0.58	0.61	0.40
TND-014-04	4EG/17Ar/4EA	★ ★ ★ ★ ★	★ ★ ★ ★ ★	66%	53%	1.9	0.35	0.51	0.40
TND-014-05	4/16/4EA	★ ★ ★	★ ★ ★ ★ ★ ★	48%	63%	2.1	0.58	0.61	0.40
TND-014-06	4/16Ar/4	★ ★ ☆	★ ★ ★ ★ ★ ★	42%	60%	2.6	0.62	0.67	0.40
TND-014-07	4/16Ar/4EA	★ ★ ★	★ ★ ★ ★ ★ ☆	48%	65%	1.9	0.58	0.61	0.40
TND-014-08	5Gy/14/5	★ ★ ★ ★	★ ★ ★ ★ ★	58%	49%	2.7	0.41	0.37	0.40
TND-014-09	5Gy/14Ar/5	★ ★ ★ ★	★ ★ ★ ★ ★	58%	50%	2.6	0.41	0.37	0.40
TND-014-10	6Carib/14/4	★ ★ ★ ★ ☆	★ ★ ★ ★ ☆	63%	44%	2.7	0.33	0.50	0.40
TND-014-11	6Carib/14Ar/4	★ ★ ★ ★ ☆	★ ★ ★ ★ ☆	64%	45%	2.6	0.33	0.50	0.40
TND-014-12	6Carib/14Ar/4EA	★ ★ ★ ★ ★ ☆	★ ★ ★ ★ ★	70%	49%	1.9	0.28	0.46	0.40
TND-014-13	6SCGy/14/4	★ ★ ★ ★ ★ ☆	★ ★ ★ ★	70%	38%	2.7	0.23	0.13	0.40
TND-014-14	6SCGy/14Ar/4	★ ★ ★ ★ ★ ☆	★ ★ ★ ★	70%	39%	2.6	0.23	0.13	0.40
Trend: SoundMizer Aluminium Sliding Window Secondary Glazing 70mm									
TND-034-01	3Clr/70/5Clr	★ ★ ★	★ ★ ★ ★ ★ ☆	49%	54%	2.4	0.54	0.58	5.00
TND-034-02	3Clr/70/6.38Sct	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	55%	55%	2.1	0.48	0.53	5.00
TND-034-03	3Clr/12/3Clr/70/5Clr	★ ★ ★	★ ★ ★ ★ ★	49%	51%	2.6	0.53	0.59	5.00

TND-034-04	3Clr/12/3Clr/70/6.38Sct	★ ★ ☆	★ ★ ★ ★ ★	40%	49%	3.1	0.61	0.64	5.00
Trend: SoundMizer Aluminium Sliding Window Secondary Glazing 100mm									
TND-037-01	3Clr/100/5Clr	★ ★ ★ ★	★ ★ ★ ★ ★ ☆	56%	55%	2.0	0.48	0.53	5.00
TND-037-02	3Clr/100/6.38Sct	★ ★ ★ ☆	★ ★ ★ ★ ★ ☆	50%	56%	2.2	0.54	0.58	5.00
TND-037-03	3Clr/12/3Clr/100/5Clr	★ ★ ☆	★ ★ ★ ★ ★	41%	50%	3.0	0.60	0.64	5.00
TND-037-04	3Clr/12/3Clr/100/6.38Sct	★ ★ ★ ☆	★ ★ ★ ★ ★	52%	51%	2.5	0.50	0.55	5.00
Trend: SoundMizer Aluminium Sliding Door Secondary Glazing 70mm									
TND-035-01	4Clr/70/5Clr	★ ★ ☆	★ ★ ★ ★ ☆	39%	47%	3.3	0.60	0.64	5.00
TND-035-02	4Clr/70/6.38Sct	★ ★ ★	★ ★ ★ ★ ★	46%	53%	2.6	0.57	0.59	5.00