

300 Series Casement NFRC (Canada & USA) U-VALUE, SHGC, VT VALUE

NCTL REPORT #110-17144-1

#	Product Specifications	Total Product U-Value	Total Product - SHGC	Total Product - VT
1	Double glaze, 1 LowE 180, Arg, S.S	0.29	0.46	0.55
2	Double glaze, 1 LowE 272, Arg, S.S	0.28	0.29	0.5
3	Double glaze, 1 Low E 366, Arg, S.S	0.28	0.2	0.45
4	Double glaze, 1 Low E LOF, Arg, S.S	0.31	0.49	0.54
5	Double glaze, 1 Low E 180, Air, S.S	0.32	0.46	0.5
6	Triple glaze, 3 Low E 272,180,i89, 2 Arg 2 S.S	0.17	0.26	0.43
7	Triple glaze, 2 Low E 180, 2 Arg, 2 S.S	0.19	0.4	0.49
8	Triple glaze, 2 Low E 180, Air, 2 S.S	0.21	0.41	0.49
9	Triple glaze, 1 Low E 180, Air, 2 S.S	0.25	0.42	0.5
10	Triple glaze, 2 Low E 272, Air, 2 S.S	0.21	0.25	0.4
11	Triple glaze, 2 Low E 272, Arg, 2 S.S	0.19	0.25	0.4
12	Triple glaze, 1 Low E 180, 2 Arg, 2 S.S	0.23	0.42	0.5
13	Triple glaze, 2 Low E LOF, Arg, 2 S.S	0.21	0.43	0.46
14	Triple glaze, 2 Low E LOF, Air, 2 S.S	0.23	0.44	0.46
15	Triple Glaze, 1 Low E LOF, Air, 2 S.S	0.26	0.45	0.49
16	Triple glaze, 1 Low E 272, 1 Heat Mirror S.C 75, Arg, S.S	0.24	0.22	0.39
17	Triple glaze, 1 Low E 272, 1 Heat Mirror T.C 88, Arg, S.S	0.24	0.25	0.4

Air infiltration (test pressure = 75 Pa (1.57 psf))		air leakage 0.012 cfm/ft.2 @ 1.57 psf					
Water Resistance (test pressure = 12.0 psf)	C 90	no leakage observed @ 12.0 psf					
Uniform Load Structure (test pressure = 97.5 psf)	C 65	pass					
Forced Entry Resistance		no entry observed @ performance level 10					