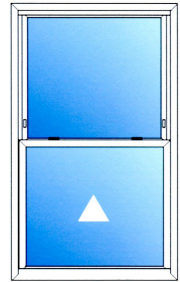




# Test Report Specifications 2100 Single Hung



**ANSI/AMAA/WDMA/CSA 101/I.S.2/A440-08 & 05**  
**ANSI/AMAA/WDMA 101/I.S.2/NAFS-02**  
**ANSI/AMAA/NWDA 101/I.S.2-97**  
**Quast Report # QCT11-2267.01**

## Summary of Results

Title	Specimen 1	Specimen 2
Rating	<b>DP LC-PG 35</b> 44 ½ x 75 ½	<b>DP LC-PG 50</b> 44 x 60
Operating Force	28 lbs	21 lbs
Air Infiltration	0.09 cfm/ft <sup>2</sup>	0.09 cfm/ft <sup>2</sup>
Water Resistance Pressure	5.25 psf	7.50 psf
Uniform Deflection Pressure	± 35.0 psf	± 50.0 psf
Uniform Structural Pressure	± 52.5 psf	± 75.0 psf
Deglazing	Passed	Passed
Forced Entry Resistance	Grade 10 Pass	Grade 10 Pass
Canadian Air Infiltration/Exfiltration	A3	A3

## ACOUSTICAL PERFORMANCE TEST (STC RATING)

Report / Data File	Glazing (nominal dimensions)	STC	OITC
B2651.01	3/4" IG - 1/8+annealed, 1/8+annealed	27	23
B1803.01	3/4" IG - 1/4+annealed, 1/8+annealed	32	28

## NFRC 100/200/500 Report # E0120.17.116-45 Specific Thermal Results

Spacer Type	Intercept				Specifically for the Northern Climate Zone		Super Spacer				Specifically for the Northern Climate Zone	
	E-Max* (Low-e <sup>2</sup> ) w/ Argon		Advanced E-Max (Low-e <sup>3</sup> ) w/Argon		Advanced E-Max & I89 w/Argon		E-Max* (Low-e <sup>2</sup> ) w/ Argon		Advanced E-Max (Low-e <sup>3</sup> ) w/Argon		Advanced E-Max & I89 w/Argon	
Low-E Type	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids	No Grids	w/ Grids
<b>U-Factor</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.30</b>	<b>0.25</b>	<b>0.25</b>	<b>0.29</b>	<b>0.29</b>	<b>0.29</b>	<b>0.29</b>	<b>0.24</b>	<b>0.24</b>
<b>SHGC</b>	<b>0.29</b>	<b>0.26</b>	<b>0.22</b>	<b>0.20</b>	<b>0.21</b>	<b>0.19</b>	<b>0.29</b>	<b>0.26</b>	<b>0.22</b>	<b>0.20</b>	<b>0.21</b>	<b>0.19</b>
VT	0.55	0.49	0.51	0.45	0.49	0.43	0.55	0.49	0.51	0.45	0.49	0.43
CR	56	56	56	56	45	45	58	58	59	59	48	48