

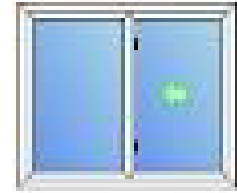


# TEST REPORT

CORVUS - 1000 Single Glider

Let Us Enhance Your View

**ANSI/AMAA/NWWDA 101/I.S-97**  
**Report # 51785.02-701-47**  
**NAMI Certification: NI0011512**



### Summary of Results

| Title                       | Specimen 1                       | Specimen 2                     | Specimen 3                      | Specimen 4                     |
|-----------------------------|----------------------------------|--------------------------------|---------------------------------|--------------------------------|
| Rating                      | <b>DP HS-R25</b><br>120 x 66 XOX | <b>DP HS-R30</b><br>72 x 66 XO | <b>DP HS-R30</b><br>96 x 60 XOX | <b>DP HS-R35</b><br>72 x 48 XO |
| Operating Force             | 14 lbs                           | N/A                            | N/A                             | N/A                            |
| Air Infiltration            | 0.12 cfm/ft <sup>2</sup>         | N/A                            | N/A                             | N/A                            |
| Water Resistance Pressure   | 3.75 psf                         | 4.50 psf                       | 4.50 psf                        | 5.25 psf                       |
| Uniform Deflection Pressure | 25.0 psf                         | 30.0 psf                       | 30.0 psf                        | 35.0 psf                       |
| Uniform Structural Pressure | 37.5 psf                         | 45.0 psf                       | 45.0 psf                        | 60.0 psf                       |
| Deglazing                   | Passed                           | N/A                            | N/A                             | N/A                            |
| Forced Entry Resistance     | Passed                           | N/A                            | N/A                             | N/A                            |

**NFRC 100/200/500**  
**Report # 90060.19-116-45**

|  |  |
|--|--|
| Base Unit Validated 59.00" x 47.00"        |  |
| Simulated Thermal Transmittance (U-Factor) | 0.30   |
| NOTES:                                     | Aluminum reinforcement in lock stile and keeper stile only |
|  | 190.093 SS was physically tested                           |

### 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 & 189 w/Argon               |             | E-Max* (Low-e <sup>2</sup> ) w/ Argon |             | Advanced E-Max (Low-e <sup>3</sup> ) w/Argon |             | Advanced E-Max & 189 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>0.22</b>                                | <b>0.20</b> | <b>0.29</b>                           | <b>0.26</b> | <b>0.22</b>                                  | <b>0.20</b> | <b>0.22</b>                                | <b>0.20</b> |
| VT              | 0.55                                  | 0.49        | 0.51   | 0.45        | 0.51                                       | 0.46        | 0.55                                  | 0.49        | 0.51   | 0.45        | 0.51                                       | 0.46        |
| CR              | 56                                    | 56          | 57   | 57          | 47   | 47          | 61                                    | 61          | 61   | 61          | 50   | 50          |