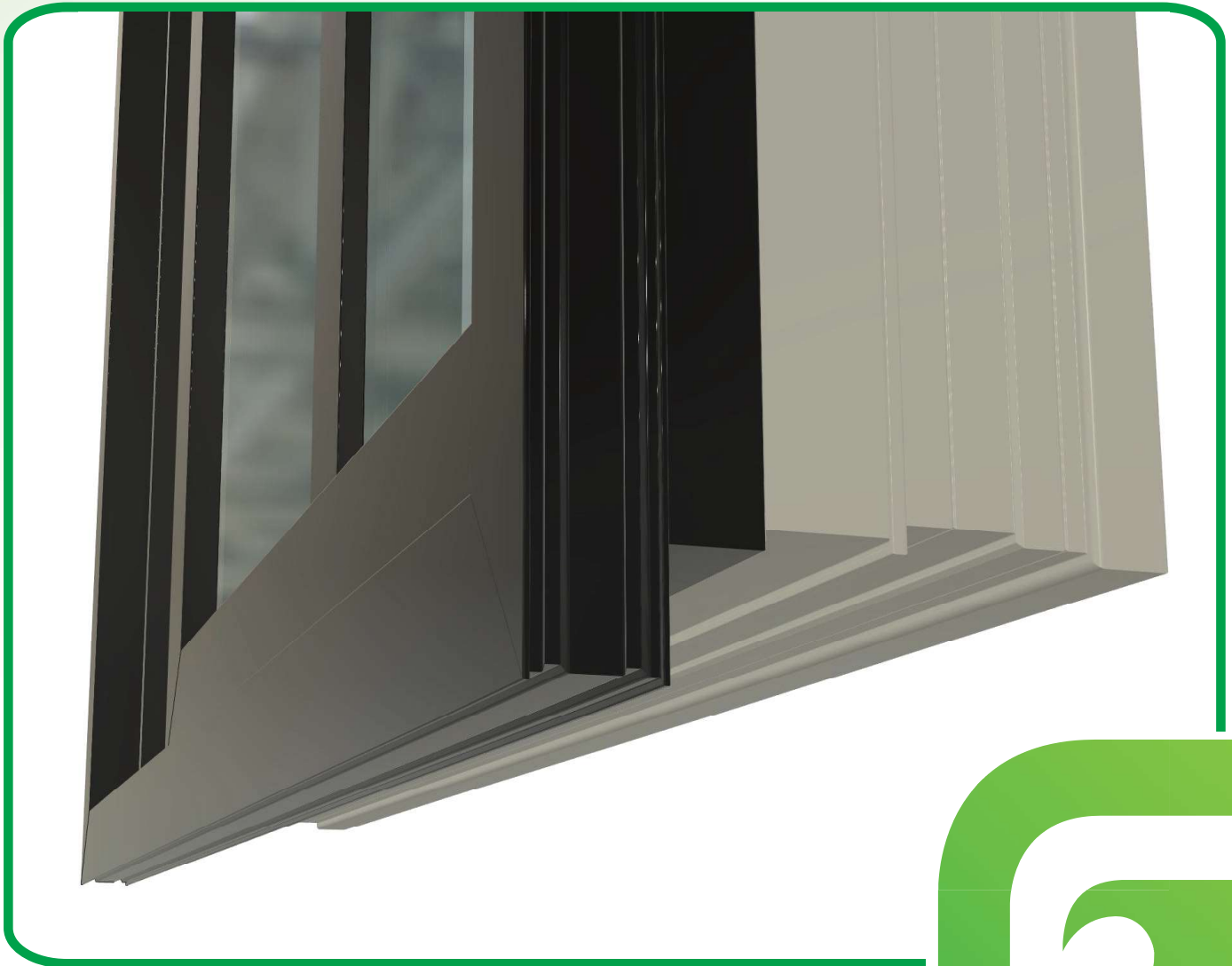


## Single Slider

Aluminum Hybrid

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Chapter 8

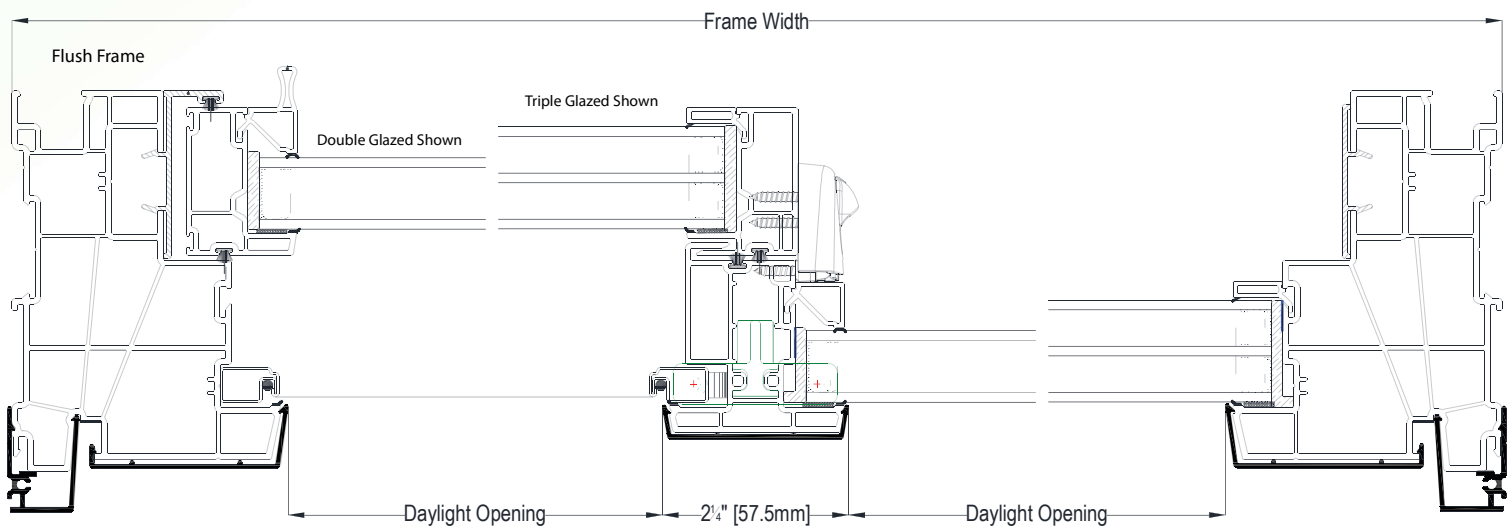
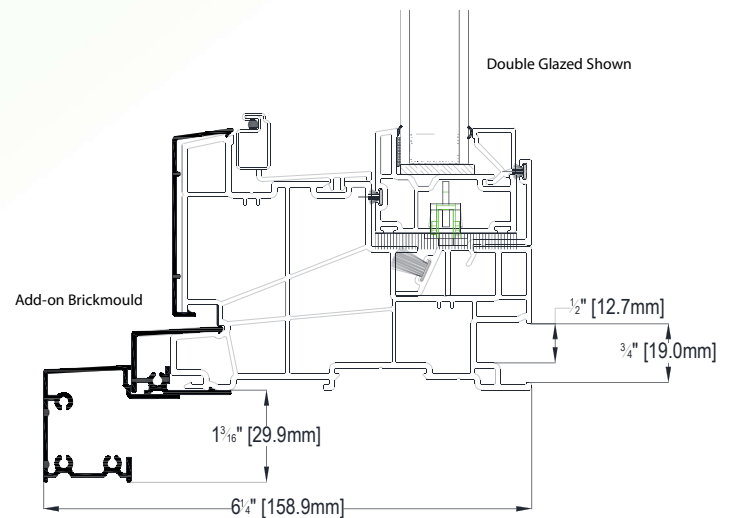
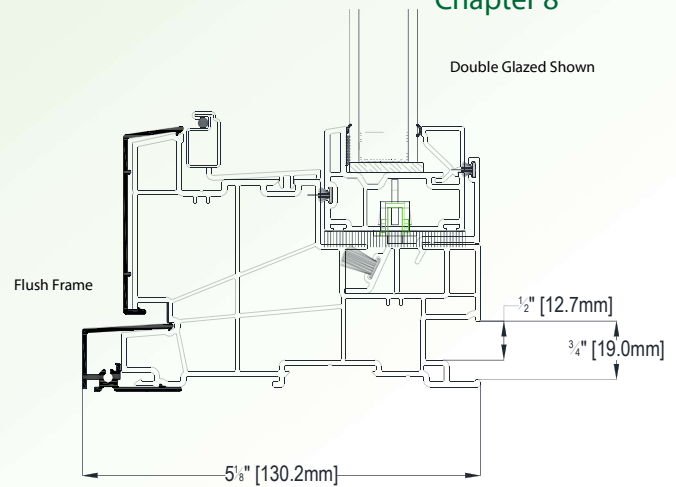
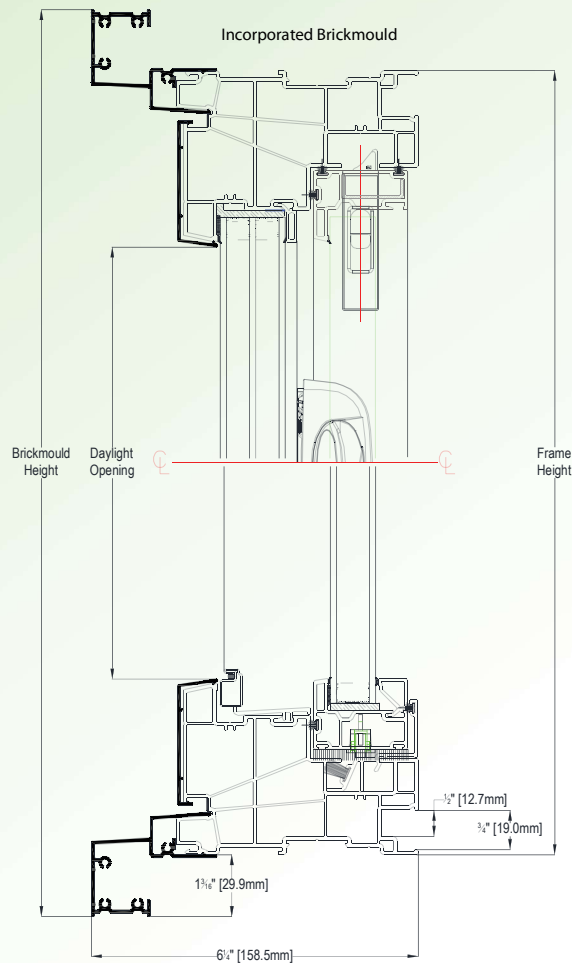
*Global Windows and Doors manufactured products are structurally tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-08 and -11 'NAFS' with the A440S1-09 Canadian Supplement. And energy performance tested in accordance with ANSI/NFRC 100, NFRC 200 and NFRC 500 as determined by the NFRC Standards accreditation agency.*



# Single Slider

Aluminum Hybrid

## Architectural Specifications Chapter 8

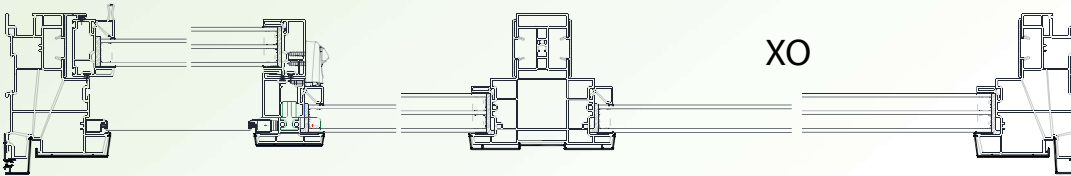
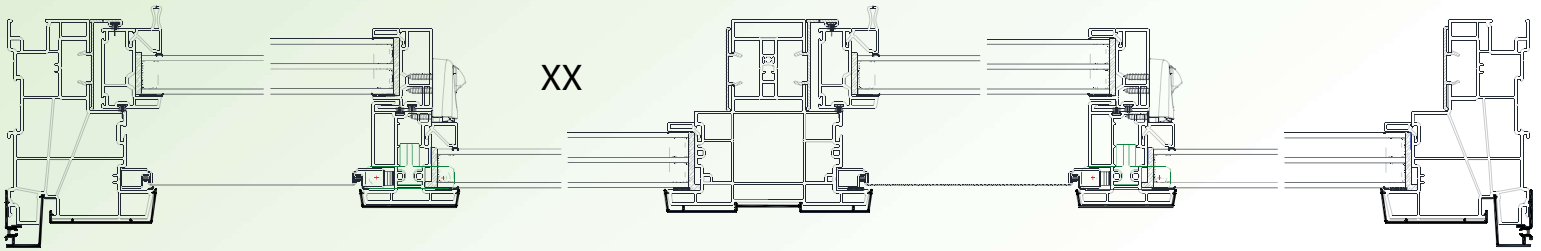


# Single Slider

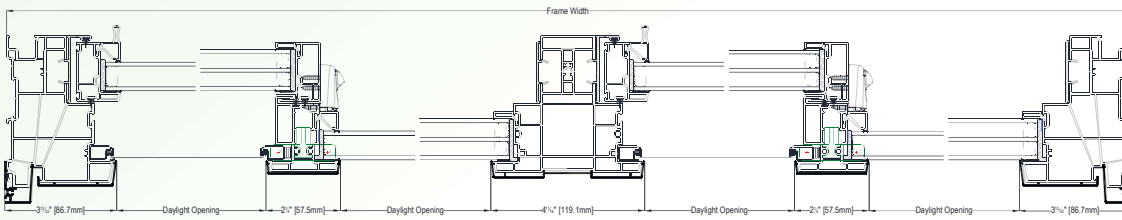
Aluminum Hybrid

Architectural Specifications  
Chapter 8

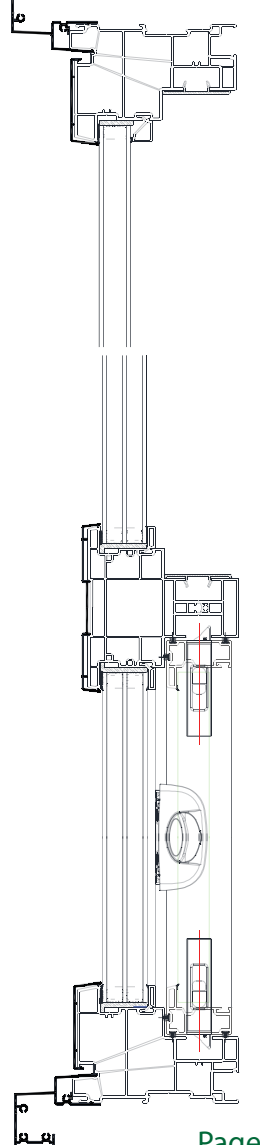
## Structural Mullion T-Post (Composite)



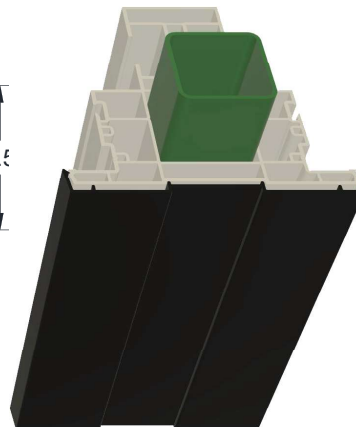
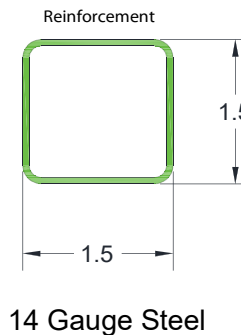
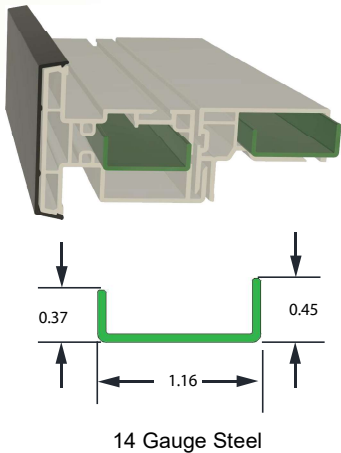
XOX



Fixed Sash Transom  
over  
Single Slider



## Reinforcement Options

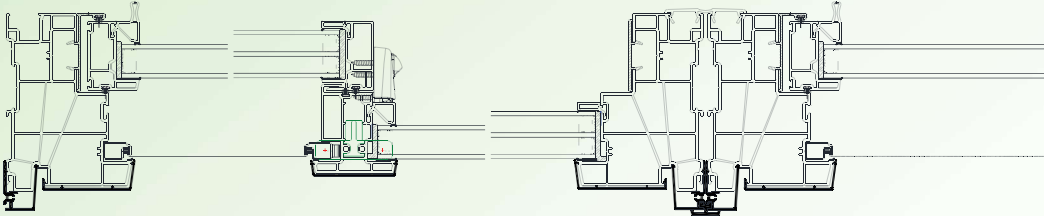


**Single Slider**  
Aluminum Hybrid

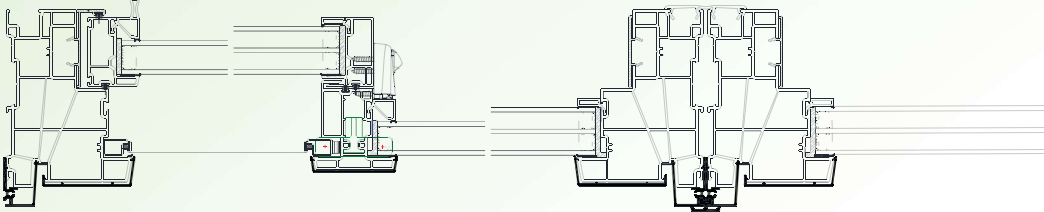
**MULLED - (Combination)**

Architectural Specifications  
Chapter 8

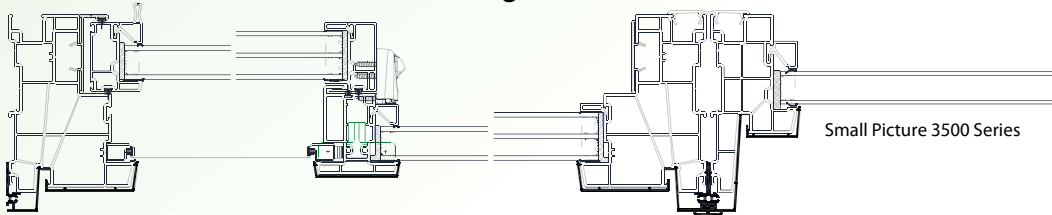
Single Slider / Single Slider XX



Single Slider / Fixed Sash

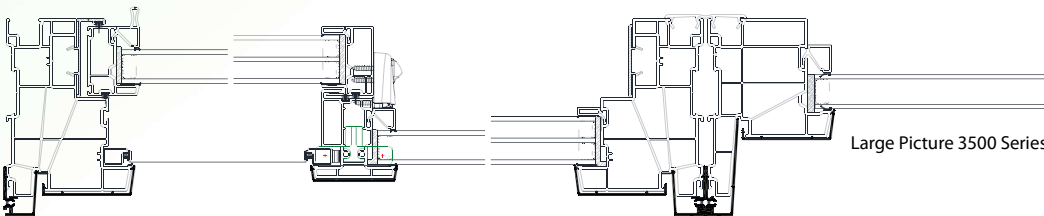


Single Slider / Small Fixed Picture



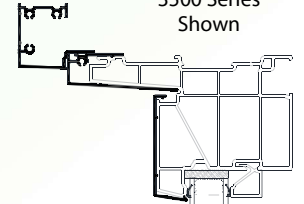
Small Picture 3500 Series

Single Slider / Large Fixed Picture

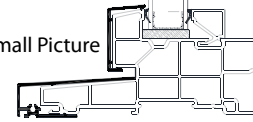


Large Picture 3500 Series

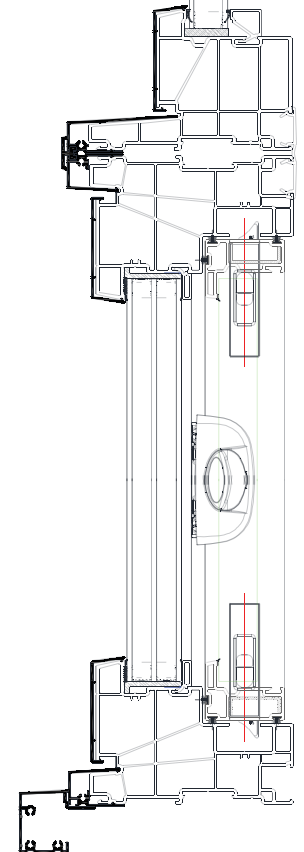
Large Picture  
3500 Series  
Shown



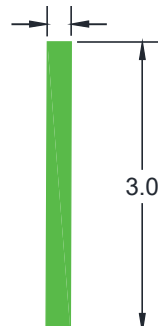
Small Picture



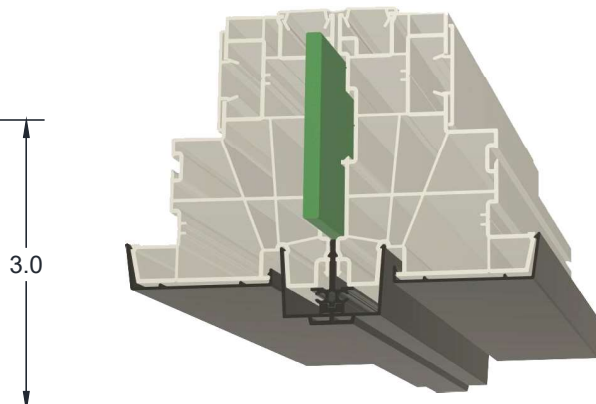
Large Picture



0.2500



3" Reinforcement



## Single Slider

Aluminum Hybrid

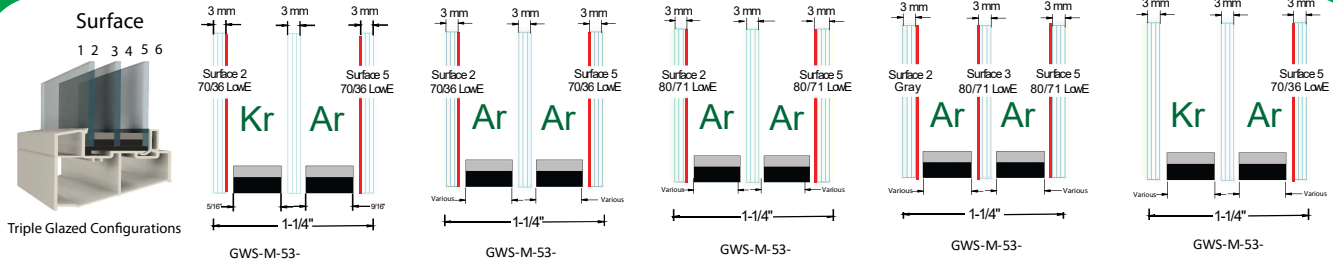
NFRC SIMULATION IN ACCORDANCE WITH  
ANSI/NFRC 100, ANSI/NFRC 200 AND NFRC 500

Architectural Specifications  
Chapter 8

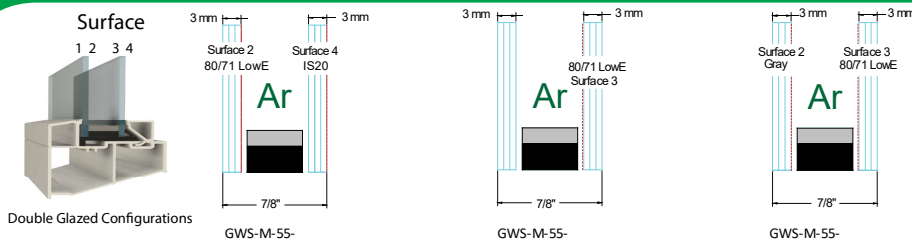
Ar = Argon  
39.95

Kr = Krypton  
84.80

## Glazing Options



| NRCan Searchable Product List | Option Name                                     | Insulating Glass Unit |      | Overall Product           |              |      |      |    |               |
|-------------------------------|-------------------------------------------------|-----------------------|------|---------------------------|--------------|------|------|----|---------------|
|                               |                                                 | Glazing Layers        | Grid | U Factor                  |              | SHGC | VT   | CR | Energy Rating |
|                               |                                                 |                       |      | W/m2-K                    | Btu/hr-ft2-F |      |      |    |               |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-7036-Kr-Cl-Ar-7036        | 3                     | N    | 0.94                      | 0.17         | 0.24 | 0.40 | 74 | 33            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-7036-Kr-Cl-Ar-7036-Grills | 3                     | G    | 0.94                      | 0.17         | 0.22 | 0.36 | 74 | 32            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-7036-Ar-Cl-Ar-7036        | 3                     | N    | 1.05                      | 0.18         | 0.24 | 0.40 | 72 | 31            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-7036-Ar-Cl-Ar-7036-Grills | 3                     | G    | 1.05                      | 0.18         | 0.22 | 0.36 | 72 | 30            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-8071-Ar-Cl-Ar-8071        | 3                     | N    | 1.10                      | 0.19         | 0.43 | 0.52 | 71 | 41            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-8071-Ar-Cl-Ar-8071-Grills | 3                     | G    | 1.10                      | 0.19         | 0.38 | 0.46 | 71 | 38            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Gr-Ar-8071-Ar-8071        | 3                     | N    | 1.10                      | 0.19         | 0.32 | 0.36 | 71 | 34            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Gr-Ar-8071-Ar-8071-Grills | 3                     | G    | 1.10                      | 0.19         | 0.29 | 0.32 | 71 | 32            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Br-Ar-8071-Ar-8071        | 3                     | N    | 1.10                      | 0.19         | 0.34 | 0.39 | 71 | 35            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Bz-Ar-8071-Ar-8071-Grills | 3                     | G    | 1.10                      | 0.19         | 0.31 | 0.35 | 71 | 34            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Cl-Kr-Cl-Ar-7036          | 3                     | N    | 1.19                      | 0.21         | 0.34 | 0.47 | 68 | 33            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Cl-Kr-Cl-Ar-7036-Grills   | 3                     | G    | 1.19                      | 0.21         | 0.30 | 0.42 | 68 | 31            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Cl-Ar-Cl-Ar-8071          | 3                     | N    | 1.27                      | 0.22         | 0.47 | 0.54 | 68 | 39            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Cl-Ar-Cl-Ar-8071-Grills   | 3                     | G    | 1.27                      | 0.22         | 0.42 | 0.48 | 68 | 36            |
|                               |                                                 |                       |      | NRCan Most Efficient      |              |      |      |    |               |
|                               |                                                 |                       |      | Meets NRCan Certification |              |      |      |    |               |



| NRCan Searchable Product List | Option Name                               | Insulating Glass Unit |      | Overall Product |              |      |      |    |               |
|-------------------------------|-------------------------------------------|-----------------------|------|-----------------|--------------|------|------|----|---------------|
|                               |                                           | Glazing Layers        | Grid | U Factor        |              | SHGC | VT   | CR | Energy Rating |
|                               |                                           |                       |      | W/m2-K          | Btu/hr-ft2-F |      |      |    |               |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-8071-Ar-IS20        | 2                     | N    | 1.38            | 0.24         | 0.48 | 0.57 | 48 | 37            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-8071-Ar-IS20-Grills | 2                     | G    | 1.38            | 0.24         | 0.42 | 0.51 | 48 | 34            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Cl-Ar-8071          | 2                     | N    | 1.59            | 0.28         | 0.52 | 0.59 | 60 | 35            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Cl-Ar-8071-Grills   | 2                     | G    | 1.59            | 0.28         | 0.47 | 0.52 | 60 | 32            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Gr-Ar-8071          | 2                     | N    | 1.59            | 0.28         | 0.38 | 0.40 | 59 | 27            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Gr-Ar-8071-Grills   | 2                     | G    | 1.59            | 0.28         | 0.34 | 0.36 | 59 | 25            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Bz-Ar-8071          | 2                     | N    | 1.59            | 0.28         | 0.40 | 0.44 | 59 | 28            |
| GWS-M-53-                     | CLAD_SS2400/4.625-3mm-Gr-Ar-8071-Grills   | 2                     | G    | 1.59            | 0.28         | 0.36 | 0.39 | 59 | 26            |

Reference: UL - CLEB Test Report NS-02948-1

## Single Slider

Aluminum Hybrid

# NAFS

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Based on the results of the testing summarised in Table 1, Global Windows and Doors, "2000 Series Single Slider" Window Unit, Exova Specimen No.: 13-06-M0432-15 met the following requirements as outlined in the NAFS - AAMA/WDMA/CSA 101/I.S.2/A440-08 and -11 "NAFS" with the Canadian Supplement A440S1-09 Window Standard:

## Sizes Tested

| SERIE # | REPORT #       | DESCRIPTIONS  | REINF. |   | DIM     | CSA |     |     | NAFS CLASS |
|---------|----------------|---------------|--------|---|---------|-----|-----|-----|------------|
|         |                |               | Y      | N |         | AIR | WAT | STR |            |
| 2000    | 13-06-M0432-15 | Single Slider |        | X | 63 X 44 | -   | -   | -   | R-PG65-HS  |
| 2000    | AI-04331-A1    | Single Slider |        | X | 72 x 56 | A3F | B4  | C1  | LC-CP45-HS |
| 2000    | AI-04331-B1    | Single Slider | X      |   | 72 x 56 | A3F | B4  | C4  | LC-CP65-HS |

Reference: Test Report 13-06-M0432-15

Primary product designator:

Optional Secondary designator:

(Non-reinforced)

Class R-PG50-HS size tested 1,000 x 1,600 mm (40 x 63")  
Positive Design Pressure (DP) = 2,400 Pa ( 50.0 Psf)  
Negative Design Pressure (DP) = -2,400 Pa ( -50.0 Psf)  
Water Penetration Resistance = 730Pa (15.0 Psf)  
Air Leakage Resistance = A3 Level Canadian

## Design Pressures Calculated with respect to AAMA 2502 Comparative Analysis Procedure for Windows and Doors

Reference: Test Report AI-04331-A1

Primary product designator:

Optional Secondary designator:

(Non-reinforced)

Class LC-PG45-H size tested 1,829 x 1,423 mm (72 x 56")  
Positive Design Pressure (DP) = 2,160 Pa ( 45.0 Psf)  
Negative Design Pressure (DP) = -2,160 Pa ( -45.0 Psf)  
Water Penetration Resistance = 470Pa (9.75 Psf)  
Air Leakage Resistance = A3 Level Canadian

Reference: Test Report AI-04331-B1

Primary product designator:

Optional Secondary designator:

(Reinforced)

Class R-PG65-H size tested 1,829 x 1,423 mm (72 x 56")  
Positive Design Pressure (DP) = 3,120 Pa ( 65.0 Psf)  
Negative Design Pressure (DP) = -3,120 Pa ( -65.0 Psf)  
Water Penetration Resistance = 470Pa (9.75 Psf)  
Air Leakage Resistance = A3 Level Canadian

Window Height 1829 mm (72") x Window Width 1118 mm (44") tested for comparative analysis.

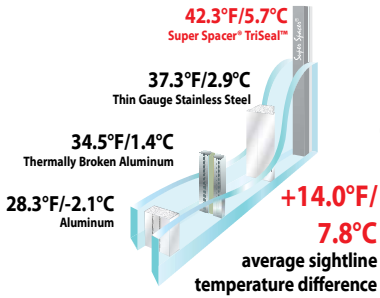
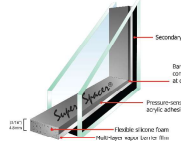
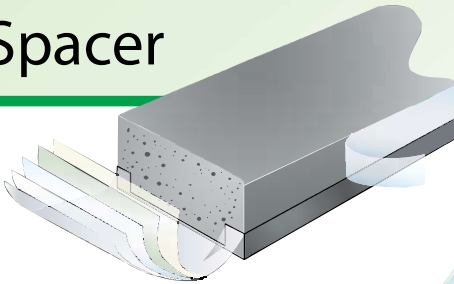
Contact your Global Windows and Doors Distributor for (DP) Design Pressures on specific sizes.

# Single Slider

Aluminum Hybrid

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Chapter 8

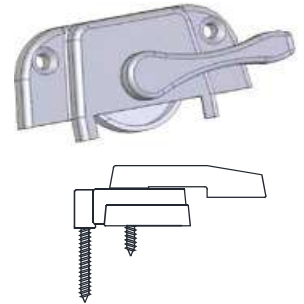
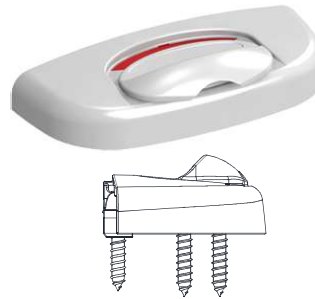
## Spacer



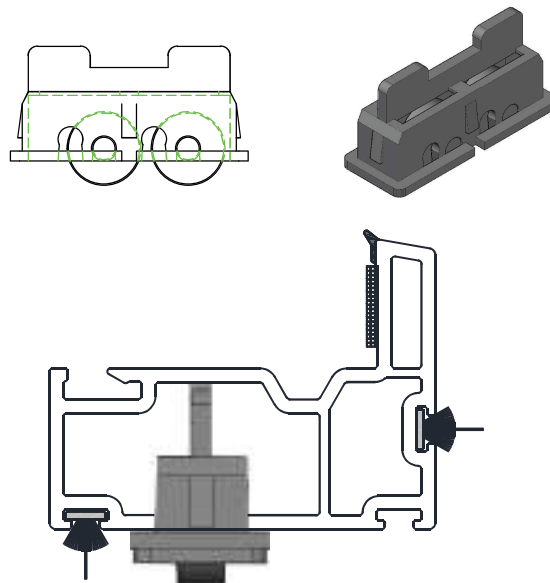
**Improves Glass  
Surface  
Temperature**

## Lock Option

### Default TRU-Latch



## Roller Assembly



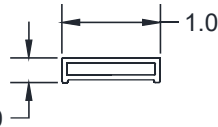
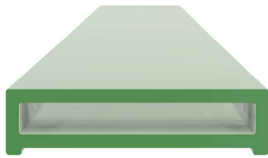
# Single Slider

Aluminum Hybrid

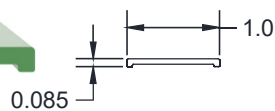
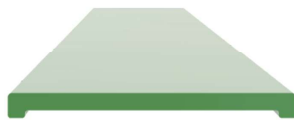
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## SDL Options

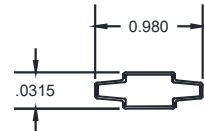
Interior



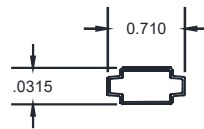
Exterior



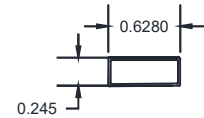
## Grill Options



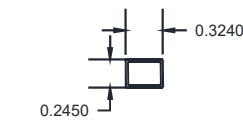
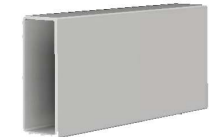
25 mm Georgian



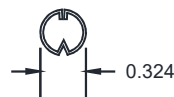
18 mm Georgian



16 mm Colonial



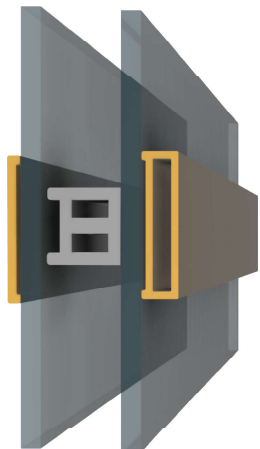
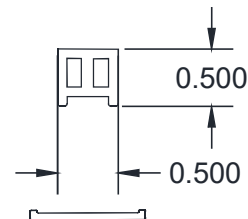
6 mm Colonial



6 mm Pencil



Heritage  
(internal)



## Single Slider

Aluminum Hybrid

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### NBCC 9.9 Compliant Specification/Standards - built in accordance with:

#### Canadian General Standards Board (CGSB)

- .1 CAN/CGSB-12.1-M90 - Tempered or Laminated Safety Glass.
- .2 CAN/CGSB-12.2-M91 - Flat, Clear Sheet Glass.
- .3 CAN/CGSB-12.3-M91 - Flat, Clear Float Glass.
- .4 CAN/CGSB-12.8-M90 - Insulating Glass Units.

#### Canadian Standards Association (CSA)

- .1 AAMA/WDMA/CSA 101/I.S.2/A440-[08][11] - NAFS - North American Fenestration Standard / Specification for Windows, Doors, and Skylights; including A440S1-09 - Canadian Supplement.
- .2 AAMA/NWDA 101/I.S. 2-97, Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.

#### Insulating Glass Manufacturers Alliance (IGMA)

- .1 IGMAC Certification Program for manufacturers of insulating glass units.

#### National Fenestration Rating Council (NFRC)

- .1 ANSI/NFRC 100 – Procedure for Determining Fenestration Product U-Factors.
- .2 ANSI/NFRC 200 – Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmission at Normal Incidence.
- .3 NFRC 500 – Procedure for Determining Fenestration Product Condensation Resistance Values.

### Contact Details



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Tel 506 523 4900  
Fax 506 523 7003  
Toll Free 1 877 675 5500

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