

Results Comparison Versions W 7.8.57/ T 7.8.57 to 7.8.57/ T 7.8.55

Whole Products

10/05/2022 -- calculated W 7.8.57/ T 7.8.57

10/05/2022 -- calculated W 7.8.55/ T 7.8.55

| Product Ref. | Product Type | Material: Frame / Spacer | Glazing System | Size | | U (W/m2-K) | | | | SHGC | | | | VT | | | | CR | | | |
|-----------------|--------------|----------------------------|------------------------------------|------------|-------------|-------------------|-------------------|---------------------|--------------|-------------------|-------------------|--------------|--------------|-------------------|-------------------|--------------|--------------|-------------------|-------------------|----------------|---------------|
| | | | | Width (mm) | Height (mm) | W7.8.55 / T7.8.55 | W7.8.57 / T7.8.57 | diff (if >= 0.0005) | Diff % | W7.8.55 / T7.8.55 | W7.8.57 / T7.8.57 | diff | Diff % | W7.8.55 / T7.8.55 | W7.8.57 / T7.8.57 | diff | Diff % | W7.8.55 / T7.8.55 | W7.8.57 / T7.8.57 | diff | Diff % |
| Kawneer 1600 S1 | Curtain Wall | TI AL / AL | Clr-6_Air_Clr-6 | 2032.0 | 2032.0 | 3.560851 | 3.560851 | 0.00000 | 0.00% | 0.582036 | 0.582036 | 0.000 | 0.00% | 0.63921 | 0.63921 | 0.000 | 0.00% | 28.445076 | 28.445076 | 0.00000 | 0.0% |
| CW3 | Curtain Wall | TI AL (e=0.2) / AL | Clr-6_Air_Clr-6 | 2032.0 | 2032.0 | 3.127928 | 3.127928 | 0.00000 | 0.00% | 0.607401 | 0.607401 | 0.000 | 0.00% | 0.672392 | 0.672392 | 0.000 | 0.00% | 16.063749 | 16.063749 | 0.00000 | 0.0% |
| | | TI AL (e=0.9) / AL | | 2032.0 | 2032.0 | 3.439398 | 3.439398 | 0.00000 | 0.00% | 0.610191 | 0.610191 | 0.000 | 0.00% | 0.672392 | 0.672392 | 0.000 | 0.00% | 21.733385 | 21.733385 | 0.00000 | 0.0% |
| Fiberglass | Casement | Fiberglass / AL | Clr-6_Air_LowE2 72-6 | 600.0 | 1500.0 | 1.973812 | 1.973812 | 0.00000 | 0.00% | 0.338189 | 0.338189 | 0.000 | 0.00% | 0.483322 | 0.483322 | 0.000 | 0.00% | 48.137314 | 48.137314 | 0.00000 | 0.0% |
| PFM | Casement | Wood / AL | Clr-5-Air-Clr-5 | 914.4 | 1219.2 | 2.683719 | 2.683719 | 0.00000 | 0.00% | 0.629168 | 0.629168 | 0.000 | 0.00% | 0.682002 | 0.682002 | 0.000 | 0.00% | 39.734173 | 39.734173 | 0.00000 | 0.0% |
| | | | Lowe179-5_Air_Clr5 | 914.4 | 1219.2 | 2.017673 | 2.017673 | 0.00000 | 0.00% | 0.529966 | 0.529966 | 0.000 | 0.00% | 0.654087 | 0.654087 | 0.000 | 0.00% | 46.801956 | 46.801956 | 0.00000 | 0.0% |
| PVC | Casement | PVC / AL Swiggle | LowE_037-Air-Clr | 609.6 | 1219.2 | 1.790276 | 1.790276 | 0.00000 | 0.00% | 0.254844 | 0.254844 | 0.000 | 0.00% | 0.38176 | 0.38176 | 0.000 | 0.00% | 46.801956 | 56.551159 | 9.74920 | 20.8% |
| Velux - FS87 | Skylight | AL Clad Wood / SST | Lowe270-3_Ar_Clr-3 | 547.9 | 1314.4 | 3.09251 | 3.09251 | 0.00000 | 0.00% | 0.352361 | 0.352361 | 0.000 | 0.00% | 0.665323 | 0.665323 | 0.000 | 0.00% | 48.857265 | 48.857265 | 0.00000 | 0.0% |
| TRR01 | Fixed | TB AL / AL | CmftE2-3_Air_HMSC 75_Air_Cmft E2-3 | 1016.0 | 1016.0 | 1.89341 | 1.89341 | 0.00000 | 0.00% | 0.275227 | 0.275227 | 0.000 | 0.00% | 0.414402 | 0.414402 | 0.000 | 0.00% | 40.442394 | 40.442394 | 0.00000 | 0.0% |
| TRR97 | Fixed | AL Clad Wood / Galv. Steel | LowE272-5_Air_Clr-5 | 1219.2 | 1219.2 | 1.952107 | 1.952107 | 0.00000 | 0.00% | 0.346445 | 0.346445 | 0.000 | 0.00% | 0.596056 | 0.596056 | 0.000 | 0.00% | 47.163074 | 47.163074 | 0.00000 | 0.0% |
| TRR99 | Hor. Slider | AL / Galv. Steel | Clr-3_Air_HMSC 75_Air_S500 CL-3 | 1524.0 | 914.4 | 2.760558 | 2.760558 | 0.00000 | 0.00% | 0.314969 | 0.314969 | 0.000 | 0.00% | 0.499902 | 0.499902 | 0.000 | 0.00% | 14.569366 | 14.569366 | 0.00000 | 0.0% |
| Max Diff | | | | | | | | 0.00000 | 0.00% | | | 0.000 | 0.00% | | | 0.000 | 0.00% | | | 9.74920 | 20.83% |

Note: TRR99: Made slight geometry adjustment to 7.7.07 THERM files due to new error about bad points which may have affected the U-factor slightly
 Recalculated TRR99 window with new geometry for both 7.4 and 7.7

Results Comparison THERM Version 7.8.55 to **7.8.57**

Frames

Note: Nominal Glass thickness was used when importing the glazing systems into the THERM models

NOTE: Glazing systems recalculated, frame files calculated using BC condition #2

10/04/2022 -- ran W7.8.55 / T 7.8.55

10/05/2022 -- ran W7.8.57 / T 7.8.57

| | | W7.8.55 - T7.8.55 | | | | | W7.8.57 - T7.8.57 | | | | | Uval (W/m2K) | | U_edge (W/m2K) | | Pfd | | Ucenter (W/m2K) | | |
|----|---------------------|-------------------|----------|-----------|----------|-----|-------------------|-----------|----------|-----------|----------|--------------|-------|----------------|---------|----------|---------|-----------------|---------|----------|
| ID | Name | Uval | U_edge | Pfd | Ucenter | Abs | ID | Uval | U_edge | Pfd | Ucenter | Abs | DIFF | Diff (%) | DIFF | Diff (%) | DIFF | Diff (%) | DIFF | Diff (%) |
| 11 | 1600S1_hd.thm | 7.227078 | 2.861175 | 67.361816 | 2.689528 | 0.3 | 11 | 7.227078 | 2.861175 | 67.361816 | 2.689528 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 12 | 1600S1_jb.thm | 7.217208 | 2.858271 | 67.361328 | 2.689528 | 0.3 | 12 | 7.217208 | 2.858271 | 67.361328 | 2.689528 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 13 | 1600S1_mr.thm | 9.805065 | 2.792671 | 71.233887 | 2.689528 | 0.3 | 13 | 9.805065 | 2.792671 | 71.233887 | 2.689528 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 14 | 1600S1_si.thm | 7.206437 | 2.860169 | 67.361328 | 2.689528 | 0.3 | 14 | 7.206437 | 2.860169 | 67.361328 | 2.689528 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 21 | CW3_hd_02.thm | 5.256989 | 3.092469 | 59.556183 | 2.681182 | 0.3 | 21 | 5.256989 | 3.092469 | 59.556183 | 2.681182 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 22 | CW3_jb_02.thm | 5.245121 | 3.090606 | 59.55603 | 2.681182 | 0.3 | 22 | 5.245121 | 3.090606 | 59.55603 | 2.681182 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 23 | CW3_mr_02.thm | 6.93888 | 3.084777 | 68.312256 | 2.681182 | 0.3 | 23 | 6.93888 | 3.084777 | 68.312256 | 2.681182 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 24 | CW3_si_02.thm | 5.26776 | 3.097395 | 57.777527 | 2.681182 | 0.3 | 24 | 5.26776 | 3.097395 | 57.777527 | 2.681182 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 25 | CW3_hd_09.thm | 7.521026 | 2.900585 | 59.556183 | 2.681182 | 0.3 | 25 | 7.521026 | 2.900585 | 59.556183 | 2.681182 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 26 | CW3_jb_09.thm | 7.515224 | 2.906112 | 59.55603 | 2.681182 | 0.3 | 26 | 7.515224 | 2.906112 | 59.55603 | 2.681182 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 27 | CW3_mr_09.thm | 9.571445 | 2.908318 | 68.312256 | 2.681182 | 0.3 | 27 | 9.571445 | 2.908318 | 68.312256 | 2.681182 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 28 | CW3_si_09.thm | 7.627611 | 2.9064 | 57.777527 | 2.681182 | 0.3 | 28 | 7.627611 | 2.9064 | 57.777527 | 2.681182 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 31 | Fiberglass_hd.thm | 2.185568 | 2.351746 | 70.637405 | 1.677865 | 0.3 | 31 | 2.185568 | 2.351746 | 70.637405 | 1.677865 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 32 | Fiberglass_jb.thm | 2.126909 | 2.350252 | 70.63623 | 1.677865 | 0.3 | 32 | 2.126909 | 2.350252 | 70.63623 | 1.677865 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 33 | Fiberglass_si.thm | 2.183917 | 2.351504 | 70.63623 | 1.677865 | 0.3 | 33 | 2.183917 | 2.351504 | 70.63623 | 1.677865 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 41 | PFM01_hd.thm | 2.20664 | 3.012841 | 42.87616 | 2.714314 | 0.3 | 41 | 2.20664 | 3.012841 | 42.87616 | 2.714314 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 42 | PFM01_jb.thm | 2.20444 | 3.013326 | 42.876221 | 2.714314 | 0.3 | 42 | 2.20444 | 3.013326 | 42.876221 | 2.714314 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 43 | PFM01_si.thm | 2.20822 | 3.013447 | 42.876221 | 2.714314 | 0.3 | 43 | 2.20822 | 3.013447 | 42.876221 | 2.714314 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 44 | PFM02_hd.thm | 2.183683 | 2.418898 | 42.87616 | 1.853738 | 0.3 | 44 | 2.183683 | 2.418898 | 42.87616 | 1.853738 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 45 | PFM02_jb.thm | 2.181394 | 2.419343 | 42.876221 | 1.853738 | 0.3 | 45 | 2.181394 | 2.419343 | 42.876221 | 1.853738 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 46 | PFM02_si.thm | 2.185318 | 2.419544 | 42.876221 | 1.853738 | 0.3 | 46 | 2.185318 | 2.419544 | 42.876221 | 1.853738 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 51 | PVC_hd.thm | 1.760401 | 2.021321 | 72.357208 | 1.723423 | 0.3 | 51 | 1.760401 | 2.021321 | 72.357208 | 1.723423 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 52 | PVC_jb.thm | 1.697629 | 2.042479 | 89.807007 | 1.723423 | 0.3 | 52 | 1.697629 | 2.042479 | 89.807007 | 1.723423 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 53 | PVC_si.thm | 1.75528 | 2.020876 | 72.357193 | 1.723423 | 0.3 | 53 | 1.75528 | 2.020876 | 72.357193 | 1.723423 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 61 | FS95_hd_75_c_20.thm | 24.364826 | 2.416385 | 8.60376 | 2.014867 | 0.3 | 61 | 24.364826 | 2.416385 | 8.60376 | 2.014867 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 62 | FS95_jb_75_c_20.thm | 24.412632 | 2.415304 | 8.600586 | 2.014867 | 0.3 | 62 | 24.412632 | 2.415304 | 8.600586 | 2.014867 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 63 | FS95_si_75_c_20.thm | 11.087026 | 2.129416 | 19.075211 | 2.014867 | 0.3 | 63 | 11.087026 | 2.129416 | 19.075211 | 2.014867 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 71 | TRR01_hd.thm | 3.595419 | 1.75223 | 61.035721 | 1.265482 | 0.3 | 71 | 3.595419 | 1.75223 | 61.035721 | 1.265482 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 72 | TRR01_jb.thm | 3.616276 | 1.752918 | 61.035828 | 1.265482 | 0.3 | 72 | 3.616276 | 1.752918 | 61.035828 | 1.265482 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 73 | TRR01_si.thm | 3.594953 | 1.75215 | 61.035828 | 1.265482 | 0.3 | 73 | 3.594953 | 1.75215 | 61.035828 | 1.265482 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 81 | TRR97_hd.thm | 2.500365 | 2.36067 | 50.013748 | 1.721165 | 0.3 | 81 | 2.500365 | 2.36067 | 50.013748 | 1.721165 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 82 | TRR97_jb.thm | 2.499379 | 2.356269 | 50.013779 | 1.721165 | 0.3 | 82 | 2.499379 | 2.356269 | 50.013779 | 1.721165 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 83 | TRR97_si.thm | 2.483982 | 2.352191 | 50.013779 | 1.721165 | 0.3 | 83 | 2.483982 | 2.352191 | 50.013779 | 1.721165 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 91 | TRR99_hf.thm | 9.34186 | 2.148648 | 37.613419 | 1.732537 | 0.3 | 91 | 9.34186 | 2.148648 | 37.613419 | 1.732537 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 92 | TRR99_hv.thm | 4.560099 | 2.555985 | 37.700272 | 1.732537 | 0.3 | 92 | 4.560099 | 2.555985 | 37.700272 | 1.732537 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 93 | TRR99_jf.thm | 10.219017 | 2.136627 | 22.236633 | 1.732537 | 0.3 | 93 | 10.219017 | 2.136627 | 22.236633 | 1.732537 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 94 | TRR99_jv.thm | 4.442008 | 2.565494 | 36.218216 | 1.732537 | 0.3 | 94 | 4.442008 | 2.565494 | 36.218216 | 1.732537 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 95 | TRR99_mr.thm | 9.708306 | 2.346953 | 40.82782 | 1.732537 | 0.3 | 95 | 9.708306 | 2.346953 | 40.82782 | 1.732537 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 96 | TRR99_sf.thm | 12.586723 | 2.241881 | 37.594925 | 1.732537 | 0.3 | 96 | 12.586723 | 2.241881 | 37.594925 | 1.732537 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |
| 97 | TRR99_sv.thm | 4.552389 | 2.55643 | 36.589401 | 1.732537 | 0.3 | 97 | 4.552389 | 2.55643 | 36.589401 | 1.732537 | 0.3 | 0.000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% | 0.00000 | 0.00% |

Max

| | | | | | | | |
|---|-------|---|-------|---|-------|---|-------|
| - | 0.00% | - | 0.00% | - | 0.00% | - | 0.00% |
|---|-------|---|-------|---|-------|---|-------|

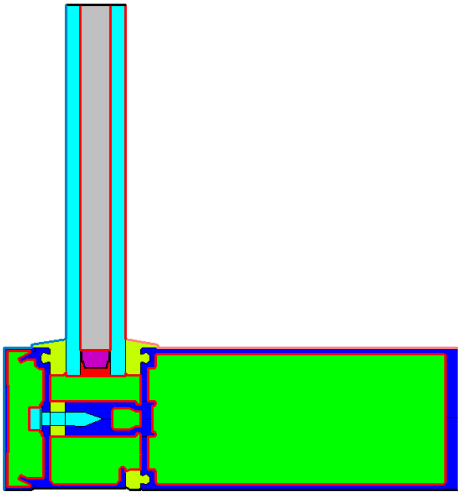
Results Comparison WINDOW Version 7.8.55 to 7.8.57
Glazing Systems

10/05/2022 -- calculated 7.8.57
10/05/2022 -- calculated 7.8.55

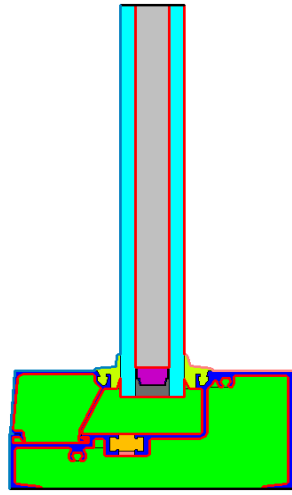
Results are identical between the two versions
Results are for **actual** (not nominal) thickness

| GlzSys ID | IG Name | Glass Layers | Glass | emiss. | Glass / Gap / Glass layers | Glass /Gap / Glass (mm) | Gas | U-factor (W/m ² -K) | | | | SHGC | | | | VT | | | |
|-----------|--------------------|--------------|-----------------|-------------------|----------------------------|-------------------------|----------|--------------------------------|----------|---------|----------|---------|----------|-------|----------|---------|----------|-------|----------|
| | | | | | | | | W7.8.55 | W7.8.57 | DIFF | DIFF (%) | W7.8.55 | W7.8.57 | DIFF | DIFF (%) | W7.8.55 | W7.8.57 | DIFF | DIFF (%) |
| 1 | Kawneer IGU | 2 | Un-Coated | 0.84 | 5012/Air/5012 | 6/12.7/6 | Air | 2.689528 | 2.689528 | 0.00000 | 0.00% | 0.70296 | 0.702964 | 0.000 | 0.00% | 0.7911 | 0.791102 | 0.000 | 0.00% |
| 2 | No3 | 2 | Un-Coated | 0.84 | 103/Air/103 | 6/13.4/6 | Air | 2.681182 | 2.681182 | 0.00000 | 0.00% | 0.70444 | 0.704438 | 0.000 | 0.00% | 0.7861 | 0.786104 | 0.000 | 0.00% |
| 3 | Clr-Air-LowE_042 | 2 | Coated #3 | 0.042 | 2004/Air/2014 | 6/13.4/6 | Air | 1.677865 | 1.677865 | 0.00000 | 0.00% | 0.47784 | 0.47784 | 0.000 | 0.00% | 0.6979 | 0.697898 | 0.000 | 0.00% |
| 4 | PFM01 | 2 | Un-Coated | 0.84 | 2003/Air/2003 | 5/16.5/5 | Air | 2.714314 | 2.714314 | 0.00000 | 0.00% | 0.74262 | 0.742617 | 0.000 | 0.00% | 0.80952 | 0.809516 | 0.000 | 0.00% |
| 5 | PFM02 | 2 | Coated #2 | 0.11 | 2186/Air/2003 | 5/16.5/5 | Air | 1.853738 | 1.853738 | 0.00000 | 0.00% | 0.62472 | 0.624722 | 0.000 | 0.00% | 0.77638 | 0.776382 | 0.000 | 0.00% |
| 6 | LowE_037-Air-Clr | 2 | Coated #2 | 0.037 | 917/Air/102 | 3/15.9/3 | Air | 1.723423 | 1.723423 | 0.00000 | 0.00% | 0.39798 | 0.397977 | 0.000 | 0.00% | 0.61412 | 0.614123 | 0.000 | 0.00% |
| 7 | Velux FS87 Type 75 | 2 | Coated #2 | 0.037 | 2026/Argon 95 | 3/9.9/3 | Argon 95 | 2.014867 | 2.014867 | 0.00000 | 0.00% | 0.37063 | 0.370629 | 0.000 | 0.00% | 0.70166 | 0.701664 | 0.000 | 0.00% |
| 8 | TRR01 | 3 | Coated #2,#3,#5 | 0.204/0.055/0.204 | 0907/Air/1510/Air/907 | 3/8.6/.1/8.6/3 | Air | 1.265482 | 1.265482 | 0.00000 | 0.00% | 0.34151 | 0.341514 | 0.000 | 0.00% | 0.53531 | 0.535309 | 0.000 | 0.00% |
| 9 | TRR97 | 2 | Coated #2 | 0.042 | 2013/Air/2003 | 5/15.9/5 | Air | 1.721165 | 1.721165 | 0.00000 | 0.00% | 0.40731 | 0.407306 | 0.000 | 0.00% | 0.70736 | 0.707364 | 0.000 | 0.00% |
| 10 | TRR99 | 3 | Coated #3,#5 | 0.055, 0.215 | 5009/Air/1510/Air/5242 | 3/6.2/0.1/6.2/3 | Air | 1.732537 | 1.732537 | 0.00000 | 0.00% | 0.3562 | 0.356202 | 0.000 | 0.00% | 0.58235 | 0.582346 | 0.000 | 0.00% |

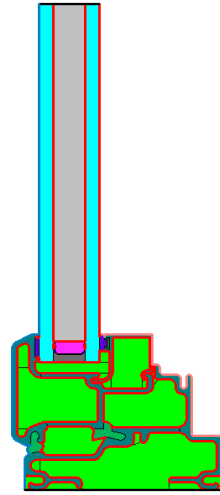
| | | | |
|----------|-------|-------|-------|
| | 0.00% | 0.00% | 0.00% |
| | 0.00% | 0.00% | 0.00% |
| Max Diff | 0.00% | 0.00% | 0.00% |



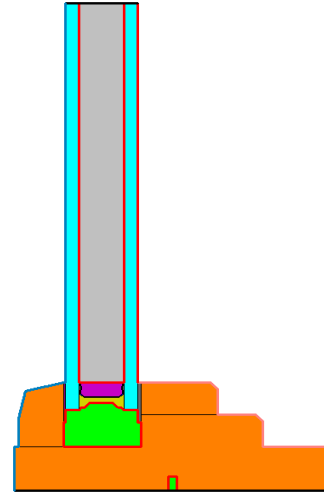
Kawneer 1600 S1



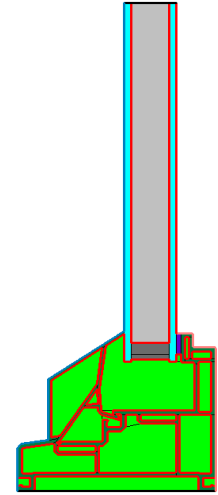
CW3



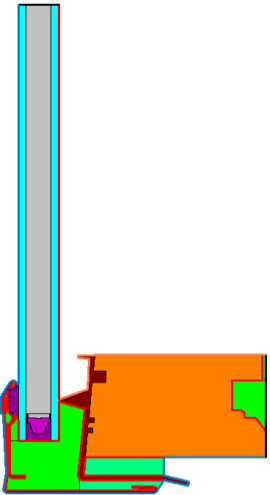
Fiberglass



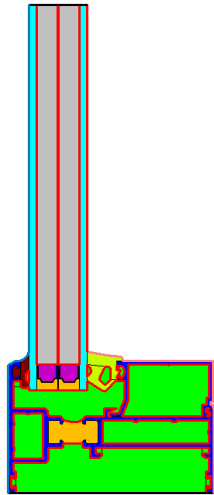
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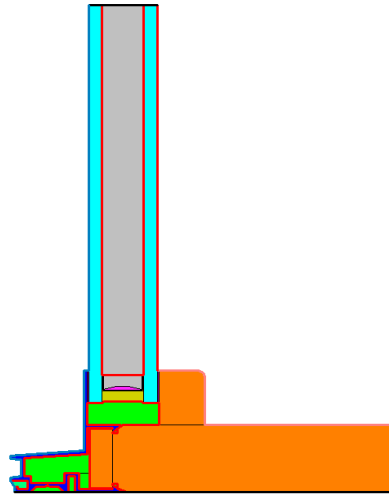
PVC



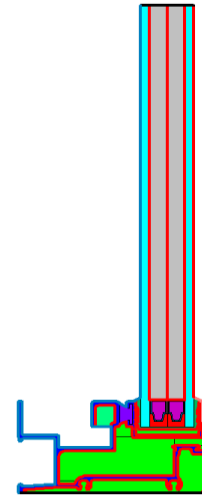
Skylight



TRR01



TRR97



TRR99