



## StormBreaker Plus w/ ProSolar Turtle Glass & White Obscure

| Style                     | Insulated Glass Unit Package | Low E Type      | Gas       | Spacer System | Ext / Int Laminated Lite | Grids | IG Thickness | U-Factor   | R-Value    | Solar Heat Gain Coefficient | Visible Transmittance | UV Block        |
|---------------------------|------------------------------|-----------------|-----------|---------------|--------------------------|-------|--------------|------------|------------|-----------------------------|-----------------------|-----------------|
|                           |                              |                 |           |               |                          |       |              | Total Unit | Total Unit | Total Unit                  | Total Unit            | Center of Glass |
| Casement                  | Turtle Glass                 | ProSolar Turtle | Air       | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.28       | 3.57       | 0.16                        | 0.24                  | 99%             |
|                           | Turtle Glass                 | ProSolar Turtle | Argon     | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.27       | 3.70       | 0.16                        | 0.24                  | 99%             |
|                           | Turtle Glass                 | ProSolar Turtle | Argon     | Intercept     | DS/DS-090-DS             | Y     | 1"           | 0.26       | 3.85       | 0.15                        | 0.22                  | 99%             |
|                           | White Lami                   | None            | Air       | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.38       | 2.63       | 0.43                        | 0.36                  | 99%             |
|                           | White Lami                   | None            | Air       | Intercept     | DS/DS-090-DS             | Y     | 1"           | 0.38       | 2.63       | 0.39                        | 0.32                  | 99%             |
|                           | Turtle Glass / White Lami    | ProSolar Turtle | Air       | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.29       | 3.45       | 0.16                        | 0.17                  | 99%             |
|                           | Turtle Glass / White Lami    | ProSolar Turtle | Argon     | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.27       | 3.70       | 0.16                        | 0.17                  | 99%             |
| Turtle Glass / White Lami | ProSolar Turtle              | Argon           | Intercept | DS/DS-090-DS  | Y                        | 1"    | 0.27         | 3.70       | 0.14       | 0.16                        | 99%                   |                 |
| Awning                    | Turtle Glass                 | ProSolar Turtle | Air       | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.30       | 3.36       | 0.16                        | 0.24                  | 99%             |
|                           | Turtle Glass                 | ProSolar Turtle | Argon     | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.27       | 3.69       | 0.16                        | 0.24                  | 99%             |
|                           | Turtle Glass                 | ProSolar Turtle | Argon     | Intercept     | DS/DS-090-DS             | Y     | 1"           | 0.27       | 3.70       | 0.15                        | 0.22                  | 99%             |
|                           | White Lami                   | None            | Air       | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.40       | 2.51       | 0.43                        | 0.36                  | 99%             |
|                           | White Lami                   | None            | Air       | Intercept     | DS/DS-090-DS             | Y     | 1"           | 0.40       | 2.52       | 0.39                        | 0.32                  | 99%             |
|                           | Turtle Glass / White Lami    | ProSolar Turtle | Air       | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.30       | 3.36       | 0.16                        | 0.17                  | 99%             |
|                           | Turtle Glass / White Lami    | ProSolar Turtle | Argon     | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.27       | 3.69       | 0.16                        | 0.17                  | 99%             |
| Turtle Glass / White Lami | ProSolar Turtle              | Argon           | Intercept | DS/DS-090-DS  | Y                        | 1"    | 0.27         | 3.70       | 0.14       | 0.16                        | 99%                   |                 |
| Double Hung               | Turtle Glass                 | ProSolar Turtle | Air       | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.33       | 3.01       | 0.18                        | 0.28                  | 99%             |
|                           | Turtle Glass                 | ProSolar Turtle | Argon     | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.30       | 3.31       | 0.18                        | 0.28                  | 99%             |
|                           | Turtle Glass                 | ProSolar Turtle | Argon     | Intercept     | DS/DS-090-DS             | Y     | 1"           | 0.30       | 3.33       | 0.16                        | 0.25                  | 99%             |
|                           | White Lami                   | None            | Air       | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.44       | 2.25       | 0.49                        | 0.41                  | 99%             |
|                           | White Lami                   | None            | Air       | Intercept     | DS/DS-090-DS             | Y     | 1"           | 0.44       | 2.27       | 0.44                        | 0.36                  | 99%             |
|                           | Turtle Glass / White Lami    | ProSolar Turtle | Air       | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.33       | 3.01       | 0.18                        | 0.20                  | 99%             |
|                           | Turtle Glass / White Lami    | ProSolar Turtle | Argon     | Intercept     | DS/DS-090-DS             | N     | 1"           | 0.30       | 3.31       | 0.18                        | 0.20                  | 99%             |
| Turtle Glass / White Lami | ProSolar Turtle              | Argon           | Intercept | DS/DS-090-DS  | Y                        | 1"    | 0.30         | 3.33       | 0.16       | 0.18                        | 99%                   |                 |
| Slider                    | Turtle Glass                 | ProSolar Turtle | Air       | Intercept     | DS/DS-105-DS             | N     | 1"           | 0.33       | 3.04       | 0.18                        | 0.27                  | 99%             |
|                           | Turtle Glass                 | ProSolar Turtle | Argon     | Intercept     | DS/DS-105-DS             | N     | 1"           | 0.30       | 3.34       | 0.18                        | 0.27                  | 99%             |
|                           | Turtle Glass                 | ProSolar Turtle | Argon     | Intercept     | DS/DS-105-DS             | Y     | 1"           | 0.30       | 3.33       | 0.16                        | 0.24                  | 99%             |
|                           | White Lami                   | None            | Air       | Intercept     | DS/DS-105-DS             | N     | 1"           | 0.44       | 2.27       | 0.48                        | 0.40                  | 99%             |
|                           | White Lami                   | None            | Air       | Intercept     | DS/DS-105-DS             | Y     | 1"           | 0.44       | 2.26       | 0.43                        | 0.35                  | 99%             |
|                           | Turtle Glass / White Lami    | ProSolar Turtle | Air       | Intercept     | DS/DS-105-DS             | N     | 1"           | 0.33       | 3.04       | 0.17                        | 0.19                  | 99%             |
|                           | Turtle Glass / White Lami    | ProSolar Turtle | Argon     | Intercept     | DS/DS-105-DS             | N     | 1"           | 0.30       | 3.34       | 0.17                        | 0.19                  | 99%             |
| Turtle Glass / White Lami | ProSolar Turtle              | Argon           | Intercept | DS/DS-105-DS  | Y                        | 1"    | 0.30         | 3.33       | 0.16       | 0.17                        | 99%                   |                 |
| End Vent                  | Turtle Glass                 | ProSolar Turtle | Air       | Intercept     | DS/DS-105-DS             | N     | 1"           | 0.33       | 3.04       | 0.18                        | 0.27                  | 99%             |
|                           | Turtle Glass                 | ProSolar Turtle | Argon     | Intercept     | DS/DS-105-DS             | N     | 1"           | 0.30       | 3.34       | 0.18                        | 0.27                  | 99%             |
|                           | Turtle Glass                 | ProSolar Turtle | Argon     | Intercept     | DS/DS-105-DS             | Y     | 1"           | 0.30       | 3.33       | 0.16                        | 0.24                  | 99%             |
|                           | White Lami                   | None            | Air       | Intercept     | DS/DS-105-DS             | N     | 1"           | 0.44       | 2.27       | 0.48                        | 0.40                  | 99%             |
|                           | White Lami                   | None            | Air       | Intercept     | DS/DS-105-DS             | Y     | 1"           | 0.44       | 2.26       | 0.43                        | 0.35                  | 99%             |
|                           | Turtle Glass / White Lami    | ProSolar Turtle | Air       | Intercept     | DS/DS-105-DS             | N     | 1"           | 0.33       | 3.04       | 0.17                        | 0.19                  | 99%             |
|                           | Turtle Glass / White Lami    | ProSolar Turtle | Argon     | Intercept     | DS/DS-105-DS             | N     | 1"           | 0.30       | 3.34       | 0.17                        | 0.19                  | 99%             |
| Turtle Glass / White Lami | ProSolar Turtle              | Argon           | Intercept | DS/DS-105-DS  | Y                        | 1"    | 0.30         | 3.33       | 0.16       | 0.17                        | 99%                   |                 |



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| Style             | Insulated Glass Unit Package | Low E Type      | Gas   | Spacer System | Ext / Int Laminated Lite | Grids | IG Thickness | U-Factor   | R-Value    | Solar Heat Gain Coefficient | Visible Transmittance | UV Block        |
|-------------------|------------------------------|-----------------|-------|---------------|--------------------------|-------|--------------|------------|------------|-----------------------------|-----------------------|-----------------|
|                   |                              |                 |       |               |                          |       |              | Total Unit | Total Unit | Total Unit                  | Total Unit            | Center of Glass |
| Picture           | Turtle Glass                 | ProSolar Turtle | Air   | SuperSpacer   | DS-105-DS/DS             | N     | 1"           | 0.30       | 3.34       | 0.20                        | 0.31                  | 99%             |
|                   | Turtle Glass                 | ProSolar Turtle | Argon | SuperSpacer   | DS-105-DS/DS             | N     | 1"           | 0.27       | 3.76       | 0.20                        | 0.31                  | 99%             |
|                   | Turtle Glass                 | ProSolar Turtle | Argon | SuperSpacer   | DS-105-DS/DS             | Y     | 1"           | 0.27       | 3.70       | 0.18                        | 0.27                  | 99%             |
|                   | White Lami                   | None            | Air   | SuperSpacer   | DS-105-DS/DS             | N     | 1"           | 0.43       | 2.33       | 0.42                        | 0.45                  | 99%             |
|                   | White Lami                   | None            | Air   | SuperSpacer   | DS-105-DS/DS             | Y     | 1"           | 0.43       | 2.33       | 0.38                        | 0.40                  | 99%             |
|                   | Turtle Glass / White Lami    | ProSolar Turtle | Air   | SuperSpacer   | DS-105-DS/DS             | N     | 1"           | 0.30       | 3.34       | 0.17                        | 0.22                  | 99%             |
|                   | Turtle Glass / White Lami    | ProSolar Turtle | Argon | SuperSpacer   | DS-105-DS/DS             | N     | 1"           | 0.27       | 3.76       | 0.16                        | 0.22                  | 99%             |
|                   | Turtle Glass / White Lami    | ProSolar Turtle | Argon | SuperSpacer   | DS-105-DS/DS             | Y     | 1"           | 0.27       | 3.70       | 0.14                        | 0.19                  | 99%             |
| Patio Door (DP08) | Turtle Glass                 | ProSolar Turtle | Air   | SuperSpacer   | DS/DS-090-DS             | N     | 1"           | 0.34       | 2.98       | 0.18                        | 0.27                  | 99%             |
|                   | Turtle Glass                 | ProSolar Turtle | Argon | SuperSpacer   | DS/DS-090-DS             | N     | 1"           | 0.31       | 3.26       | 0.18                        | 0.27                  | 99%             |
|                   | Turtle Glass                 | ProSolar Turtle | Argon | SuperSpacer   | DS/DS-090-DS             | Y     | 1"           | 0.31       | 3.23       | 0.16                        | 0.24                  | 99%             |
|                   | White Lami                   | None            | Air   | SuperSpacer   | DS/DS-090-DS             | N     | 1"           | N/A        | -          | N/A                         | N/A                   | -               |
|                   | White Lami                   | None            | Air   | SuperSpacer   | DS/DS-090-DS             | Y     | 1"           | N/A        | -          | N/A                         | N/A                   | -               |
|                   | Turtle Glass / White Lami    | ProSolar Turtle | Air   | SuperSpacer   | DS/DS-090-DS             | N     | 1"           | 0.34       | 2.98       | 0.18                        | 0.19                  | 99%             |
|                   | Turtle Glass / White Lami    | ProSolar Turtle | Argon | SuperSpacer   | DS/DS-090-DS             | N     | 1"           | 0.31       | 3.26       | 0.17                        | 0.19                  | 99%             |
|                   | Turtle Glass / White Lami    | ProSolar Turtle | Argon | SuperSpacer   | DS/DS-090-DS             | Y     | 1"           | 0.31       | 3.23       | 0.15                        | 0.17                  | 99%             |