

# Energy Efficiency Ratings in Steel Doors

Green shaded values meet tax credit requirement.

|                                      |         | 1/2" Clear | 1/2" Low-E | 1/2" Clear GBG | 1/2" Low-E GBG | 3/4" Low-E | 3/4" Low-E GBG | 1" Clear | 1" Low-E | BBG Clear (Closed) | BBG Low-E (Closed) | Decorative w/Caming | Hurricane Impact Clear | Hurricane Impact Low-E | Hurricane Impact Low-E GBG |
|--------------------------------------|---------|------------|------------|----------------|----------------|------------|----------------|----------|----------|--------------------|--------------------|---------------------|------------------------|------------------------|----------------------------|
| <b>Half Light</b><br>36" & 3/4 Oval  | UFactor | .27        | .24        | .27            | .24            | .22        | .22            | .27      | .24      | .24                | .21                | .22                 | .24                    | .21                    | .21                        |
|                                      | SHGC    | .20        | .16        | .17            | .14            | .16        | .14            | .20      | .17      | .06                | .03                | .15                 | .16                    | .15                    | .14                        |
|                                      | DT/VT   | .20        | .18        | .18            | .16            | .18        | .16            | .21      | .19      | —                  | —                  | .16                 | .20                    | .18                    | .16                        |
|                                      | ST      | 28         | 28         | 28             | 28             | 30         | 30             | 31       | 31       | 37                 | 37                 | 32                  | 38                     | 38                     | 38                         |
| <b>3/4 Light</b><br>48" & Large Oval | UFactor | .30        | .27        | .31            | .26            | .24        | .24            | .29      | .25      | .26                | .23                | .25                 | .28                    | .24                    | .24                        |
|                                      | SHGC    | .24        | .21        | .21            | .18            | .21        | .20            | .24      | .21      | .07                | .04                | .19                 | .21                    | .19                    | .17                        |
|                                      | DT/VT   | .25        | .23        | .22            | .20            | .23        | .20            | .25      | .23      | —                  | —                  | .20                 | .24                    | .22                    | .19                        |
|                                      | ST      | 28         | 28         | 28             | 28             | 30         | 30             | 31       | 31       | 37                 | 37                 | 32                  | 38                     | 38                     | 38                         |
| <b>Full Light</b><br>64" & 80"       | UFactor | .36        | .30        | .37            | .32            | .28        | .28            | .34      | .29      | .30                | .25                | .29                 | .31                    | .27                    | .27                        |
|                                      | SHGC    | .31        | .29        | .27            | .26            | .29        | .29            | .31      | .26      | .09                | .05                | .27                 | .27                    | .25                    | .22                        |
|                                      | DT/VT   | .33        | .33        | .28            | .29            | .33        | .29            | .33      | .30      | —                  | —                  | .28                 | .32                    | .29                    | .25                        |
|                                      | ST      | 28         | 28         | 28             | 28             | 30         | 30             | 31       | 31       | 37                 | 37                 | 32                  | 38                     | 38                     | 38                         |

# Energy Efficiency Ratings in Fiberglass Doors

|                   |         | 1/2" Clear | 1/2" Low-E | 1/2" Clear GBG | 1/2" Low-E GBG | 3/4" Low-E | 3/4" Low-E GBG | 1" Clear | 1" Low-E | BBG Clear (Closed) | BBG Low-E (Closed) | Decorative 1" | Impact Clear | Impact Low-E | Impact Low-E GBG |
|-------------------|---------|------------|------------|----------------|----------------|------------|----------------|----------|----------|--------------------|--------------------|---------------|--------------|--------------|------------------|
| <b>Half Light</b> | UFactor | .28        | .25        | .29            | .25            | .23        | .23            | .27      | .23      | .24                | .21                | .23           | .25          | .22          | .22              |
|                   | SHGC    | .20        | .17        | .17            | .15            | .17        | .15            | .20      | .17      | .06                | .03                | .16           | .17          | .16          | .14              |
|                   | DT/VT   | .21        | .19        | .18            | .16            | .19        | .16            | .21      | .19      | —                  | —                  | .17           | .20          | .18          | .16              |
|                   | ST      | 28         | 28         | 28             | 28             | 30         | 30             | 28       | 28       | 35                 | 35                 | 32            | 39           | 39           | 39               |
| <b>3/4 Light</b>  | UFactor | .30        | .27        | .31            | .26            | .24        | .24            | .28      | .24      | .26                | .22                | .24           | .27          | .24          | .24              |
|                   | SHGC    | .24        | .21        | .21            | .18            | .21        | .18            | .24      | .21      | .07                | .04                | .19           | .21          | .19          | .17              |
|                   | DT/VT   | .25        | .23        | .22            | .20            | .23        | .20            | .25      | .23      | —                  | —                  | .20           | .24          | .22          | .19              |
|                   | ST      | 28         | 28         | 28             | 28             | 30         | 30             | 28       | 28       | 35                 | 35                 | 32            | 39           | 39           | 39               |
| <b>Full Light</b> | UFactor | .36        | .32        | .37            | .31            | .28        | .28            | .34      | .28      | .30                | .26                | .28           | .31          | .26          | .26              |
|                   | SHGC    | .31        | .27        | .27            | .23            | .26        | .23            | .31      | .26      | .09                | .05                | .24           | .27          | .25          | .22              |
|                   | DT/VT   | .33        | .30        | .28            | .26            | .30        | .26            | .33      | .23      | —                  | —                  | .26           | .32          | .29          | .25              |
|                   | ST      | 28         | 28         | 28             | 28             | 30         | 30             | 28       | 28       | 35                 | 35                 | 32            | 39           | 39           | 39               |

**U-Factor:** Defines the amount of heat loss. The lower the value, the less heat is transmitted through the entry door.

**Solar Heat Gain Coefficient (SHGC):** The portion of directly transmitted and absorbed solar energy that enters the interior. The lower the value, the less heat is transmitted through the entry.

**Daylight Transmission/Visible Transmission (DT/VT):** Measures how much light comes through the entry. The higher the value, from 0 to 1, the more daylight is let in over the unit area of the entry.

**Sound Transmission (ST):** Measures how much sound comes through the entry. The higher the value, the more sound transmission is reduced.

The performance ratings above were developed by Architectural Testing using applicable NFRC procedures for determining whole product performance. The ratings are determined for a fixed set of conditions and specs.

RSL glass can be used in doors to meet Energy Star® criteria.

**800 257-8641 www.RSLinc.com**