



Florida Sea Turtle Protection Lighting Ordinance Guide

Insulating Glass

| | 1/8" - space - 1/8" | 3/16" - space - 1/8" | | 3/16" - space - 3/16" | |
|---------------|---------------------|----------------------|--------|-----------------------|--------|
| | Gray | Gray | Bronze | Gray | Bronze |
| Clear | 0.56 | 0.46 | 0.53 | 0.45 | 0.52 |
| Solarban 60 | 0.50 | 0.40 | 0.47 | 0.40 | 0.47 |
| Solarban 70XL | 0.44 | 0.36 | 0.42 | 0.36 | 0.41 |

Monolithic Glass

| Gray | |
|-------|------|
| 1/8" | 0.62 |
| 3/16" | 0.55 |
| 1/4" | 0.44 |

Laminated Glass

| | 5/16" Lami | 7/16" Lami | | 9/16" Lami | |
|---------------|------------|------------|--------|------------|--------|
| | Gray | Gray | Bronze | Gray | Bronze |
| Clear | 0.60 | 0.49 | 0.50 | 0.42 | 0.50 |
| Solarban 60 | 0.49 | 0.41 | 0.48 | 0.35 | 0.42 |
| Solarban 70XL | 0.40 | 0.34 | 0.44 | 0.30 | 0.40 |

Laminated Insulating Glass

| | 1/8" - space - 5/16" Lami | | 1/8" - space - 7/16" Lami | | 3/16" - space - 5/16" Lami | | 3/16" - space - 7/16" Lami | |
|---------------|---------------------------|--------|---------------------------|--------|----------------------------|--------|----------------------------|--------|
| | Gray | Bronze | Gray | Bronze | Gray | Bronze | Gray | Bronze |
| Clear | 0.55 | 0.61 | 0.53 | 0.58 | 0.44 | 0.51 | 0.43 | 0.50 |
| Sungate 500 | 0.52 | 0.57 | 0.50 | 0.55 | 0.42 | 0.49 | 0.42 | 0.48 |
| Solarban 60 | 0.46 | 0.50 | 0.43 | 0.48 | 0.37 | 0.43 | 0.37 | 0.42 |
| Solarban 70XL | 0.37 | 0.41 | 0.36 | 0.40 | 0.31 | 0.36 | 0.30 | 0.34 |

Center of Glass Values

Any glass combination that contains Gray 31, Solar Cool Bronze or Solar Cool Gray will meet the Sea Turtle Protection Code.

Counties and cities along Florida's coast have adopted sea turtle lighting ordinances. The intent of these ordinances is to protect Sea Turtles along the Florida coastline during the nest-season by restricting the amount of light that passes through windows and doors. Hatching sea turtles are guided to move toward the water by the light of the moon. The artificial lighting of coastal construction is known to disorient hatchlings. These charts demonstrate the most common types of glass used in PGT products that provide a .45 Visible Light Transmittance value or less and therefore comply with the Sea Turtle Protection Code.

"Dark sky at night, turtle's delight!"

