

Performance Data of Basic Types of Laminated Glass

| Thickness | Color | Laminated Glass Makeup | Visible Light Trans % | SHGC | Winter U-Factor |
|-----------|-------------|---|-----------------------|------|-----------------|
| 1/4" | Clear | 1/8" Clear Glass + 0.030" Clear PVB + 1/8" Clear Glass | 88 | 0.79 | 1 |
| 5/16" | Clear | 1/8" Clear Glass + 0.090" Clear PVB + 1/8" Clear Glass | 88 | 0.76 | 0.96 |
| 3/8" | Clear | 3/16" Clear Glass + 0.030" Clear PVB + 3/16" Clear Glass | 87 | 0.76 | 0.97 |
| 7/16" | Clear | 3/16" Clear Glass + 0.090" Clear PVB + 3/16" Clear Glass | 87 | 0.72 | 0.94 |
| 1/2" | Clear | 1/4" Clear Glass + 0.030" Clear PVB + 1/4" Clear Glass | 87 | 0.75 | 0.96 |
| 9/16" | Clear | 1/4" Clear Glass + 0.090" Clear PVB + 1/4" Clear Glass | 86 | 0.74 | 0.92 |
| 1/4" | Gray | 1/8" Gray Glass + 0.030" Clear PVB + 1/8" Clear Glass | 61 | 0.65 | 1 |
| 1/4" | Gray | 1/8" Clear Glass + 0.030" Gray PVB + 1/8" Clear Glass | 43 | 0.62 | 1 |
| 1/4" | Gray | 1/8" Gray Glass + 0.030" Clear PVB + 1/8" Gray Glass | 42 | 0.55 | 1 |
| 5/16" | Gray | 1/8" Gray Glass + 0.090" Clear PVB + 1/8" Clear Glass | 60 | 0.63 | 0.96 |
| 5/16" | Gray | 1/8" Gray Glass + 0.090" Clear PVB + 1/8" Grey Glass | 41 | 0.55 | 0.96 |
| 5/16" | Gray | 1/8" Clear Glass + 0.030" Gray PVB + 0.060" Clear PVB + 1/8" Clear Glass | 43 | 0.60 | 0.96 |
| 3/8" | Gray | 3/16" Gray Glass + 0.030" Clear PVB + 3/16" Clear Glass | 49 | 0.56 | 0.98 |
| 3/8" | Gray | 3/16" Clear Glass + 0.030" Gray PVB + 3/16" Clear Glass | 43 | 0.58 | 0.98 |
| 3/8" | Dark Gray | 3/16" Gray Glass + 0.030" Clear PVB + 3/16" Gray Glass | 28 | 0.46 | 0.98 |
| 7/16" | Gray | 3/16" Gray Glass + 0.090" Clear PVB + 3/16" Clear Glass | 49 | 0.55 | 0.94 |
| 7/16" | Dark Gray | 3/16" Gray Glass + 0.090" Clear PVB + 3/16" Gray Glass | 28 | 0.46 | 0.94 |
| 7/16" | Gray | 3/16" Clear Glass + 0.030" Gray PVB + 0.060" Clear PVB + 3/16" Clear Glass | 43 | 0.57 | 0.94 |
| 1/2" | Gray | 1/4" Gray Glass + 0.030" Clear PVB + 1/4" Clear Glass | 43 | 0.53 | 0.97 |
| 1/2" | Gray | 1/4" Clear Glass + 0.030" Gray PVB + 1/4" Clear Glass | 42 | 0.57 | 0.97 |
| 9/16" | Gray | 1/4" Gray Glass + 0.090" Clear PVB + 1/4" Clear Glass | 43 | 0.52 | 0.93 |
| 9/16" | Gray | 1/4" Clear Glass + 0.030" Gray PVB + 0.060" Clear PVB + 1/4" Clear Glass | 42 | 0.56 | 0.93 |
| 1/4" | Bronze | 1/8" Clear Glass + 0.030" Bronze PVB + 1/8" Clear Glass | 52 | 0.64 | 1 |
| 1/4" | Bronze | 1/8" Bronze Glass + 0.030" Clear PVB + 1/8" Clear Glass | 67 | 0.67 | 1 |
| 1/4" | Bronze | 1/8" Bronze Glass + 0.030" Clear PVB + 1/8" Bronze Glass | 51 | 0.59 | 1 |
| 5/16" | Bronze | 1/8" Bronze Glass + 0.090" Clear PVB + 1/8" Clear Glass | 66 | 0.65 | 0.96 |
| 5/16" | Bronze | 1/8" Bronze Glass + 0.090" Clear PVB + 1/8" Bronze Glass | 50 | 0.58 | 0.96 |
| 3/8" | Bronze | 3/16" Clear Glass + 0.030" Bronze PVB + 3/16" Clear Glass | 51 | 0.6 | 0.98 |
| 3/8" | Bronze | 3/16" Bronze Glass + 0.030" Clear PVB + 3/16" Clear Glass | 57 | 0.6 | 0.98 |
| 3/8" | Dark Bronze | 3/16" Bronze Glass + 0.030" Clear PVB + 3/16" Bronze Glass | 38 | 0.51 | 0.98 |
| 7/16" | Bronze | 3/16" Clear Glas + 0.030" Bronze PVB + 0.060" Clear PVB + 3/16" Clear Glass | 51 | 0.59 | 0.94 |
| 7/16" | Bronze | 3/16" Bronze Glass + 0.090" Clear PVB + 3/16" Clear Glass | 57 | 0.59 | 0.94 |
| 7/16" | Dark Bronze | 3/16" Bronze Glass + 0.090" Clear PVB + 3/16" Bronze Glass | 38 | 0.51 | 0.94 |
| 1/2" | Bronze | 1/4" Clear Glass + 0.030" Bronze PVB + 1/4" Clear Glass | 50 | 0.58 | 0.97 |
| 9/16" | Bronze | 1/4" Clear Glass + 0.030" Bronze PVB + 0.060" Clear PVB + 1/4" Clear Glass | 50 | 0.57 | 0.93 |
| 1/4" | Green | 1/8" Green Glass + 0.030" Clear PVB + 1/8" Green Glass | 75 | 0.57 | 1 |
| 1/4" | Green | 1/8" Green Glass + 0.030" Clear PVB - 1/8" Clear Glass | 82 | 0.65 | 1 |
| 5/16" | Green | 1/8" Green Glass + 0.090" Clear PVB + 1/8" Green Glass | 75 | 0.56 | 0.96 |
| 5/16" | Green | 1/8" Green Glass + 0.090" Clear PVB + 1/8" Clear Glass | 81 | 0.64 | 0.96 |
| 3/8" | Dark Green | 3/16" Green Glass + 0.030" Clear PVB + 3/16" Green Glass | 69 | 0.52 | 0.98 |
| 3/8" | Green | 3/16" Green Glass + 0.030" Clear PVB + 3/16" Clear Glass | 78 | 0.59 | 0.98 |
| 1/2" | Green | 1/4" Green Glass + 0.030" Clear PVB + 1/4" Green Glass | 75 | 0.57 | 0.97 |
| 9/16" | Green | 1/4" Green Glass + 0.090" Clear PVB + 1/4" Clear Glass | 77 | 0.59 | 0.94 |
| 9/16" | Dark Green | 1/4" Green Glass + 0.090" Clear PVB + 1/4" Green Glass | 69 | 0.52 | 0.94 |
| 1/4" | White | 1/8" Clear Glass + 0.030" White PVB + 1/8" Clear Glass | 63 | 0.65 | 1 |
| 5/16" | White | 1/8" Clear Glass + 0.030" White PVB + 0.060" Clear PVB + 1/8" Clear Glass | 63 | 0.64 | 0.96 |
| 3/8" | White | 3/16" Clear Glass + 0.030" White PVB + 3/16" Clear Glass | 62 | 0.63 | 0.99 |
| 7/16" | White | 3/16" Clear Glass + 0.030" White PVB + 0.060" Clear PVB + 3/16" Clear Glass | 62 | 0.62 | 0.95 |
| 1/2" | White | 1/4" Clear Glass + 0.030" White PVB + 1/4" Clear Glass | 61 | 0.61 | 0.98 |
| 9/16" | White | 1/4" Clear Glass + 0.030" White PVB + 0.060" Clear PVB + 1/4" Clear Glass | 61 | 0.6 | 0.94 |