

| Unless otherwise noted, based on 1-inch (25mm) units with 1/2-inch (13mm) airspace and two 1/4-inch (6mm) lites | | | Solar Heat Gain Coefficient | Light to Solar Gain (LSG) | Shading Coefficient | Transmittance | | | Reflectance | | U-Value (Imperial) | |
|---|----------------------------|---------------|-----------------------------|---------------------------|---------------------|----------------|-----------|----------------------|-----------------|----------------------|--------------------|----------------|
| Glass Type | Outboard Lite Manufacturer | The Look | | | | Ultra-violet % | Visible % | Total Solar Energy % | Visible Light % | Total Solar Energy % | Winter Nighttime | Summer Daytime |
| Clear | | | | | | | | | | | | |
| 1/8" Solarban 60 (2) + 1/8" Clear (3/8" Air Space (A. S.)) | PPG | Clear | .40 | 1.78 | .46 | 16 | 71 | 35 | 12 | 33 | .32 | .33 |
| 1/8" Energy Advantage (2) + 1/8" Clear (3/8" A. S.) | Pilkington | Clear | .65 | 1.15 | .75 | 46 | 75 | 58 | 17 | 15 | .36 | .37 |
| 1/8" Clear + 1/8" Clear Glass (3/8" A. S.) | Commodity | Clear | .75 | 1.08 | .88 | 59 | 81 | 69 | 16 | 13 | .50 | .53 |
| 3/16" Solarban (2) + 60 3/16" Clear (3/8" A. S.) | PPG | Clear | .39 | 1.79 | .46 | 15 | 70 | 34 | 12 | 29 | .32 | .33 |
| 3/16" Energy Advantage (2) + 3/16" Clear (3/8" A. S.) | Pilkington | Clear | .63 | 1.17 | .73 | 42 | 74 | 55 | 17 | 15 | .36 | .37 |
| 3/16" Clear + 3/16" Clear Glass (3/8" A. S.) | Commodity | Clear | .75 | 1.07 | .84 | 53 | 80 | 64 | 15 | 12 | .50 | .52 |
| 1/4" Solarban 60 (2) + 1/4" Clear | PPG | Clear | .38 | 1.82 | .45 | 14 | 69 | 33 | 12 | 27 | .29 | .28 |
| 1/4" Energy Advantage (2) + 1/4" Clear | Pilkington | Clear | .62 | 1.18 | .72 | 38 | 73 | 52 | 16 | 14 | .33 | .33 |
| 1/4" Clear + 1/4" Clear Glass | Commodity | Clear | .70 | 1.13 | .81 | 50 | 79 | 61 | 15 | 12 | .47 | .50 |
| Sun-Guard LE-40 (2) + Clear Glass | Guardian | Neutral | .31 | 1.29 | .36 | | 40 | 24 | 18 | 12 | .33 | .36 |
| 1/8" Solarban 60 (2) + 1/8" Starphire (3/8" A. S.) | PPG | Ultra Clear | .40 | 1.80 | .47 | 17 | 72 | 37 | 12 | 33 | .32 | .33 |
| 1/8" Starphire + 1/8" Starphire (3/8" A. S.) | PPG | Ultra Clear | .83 | 1.01 | .97 | 78 | 84 | 82 | 15 | 15 | .50 | .53 |
| 3/16" Solarban 60 (2) + 3/16" Starphire (3/8" A. S.) | PPG | Ultra Clear | .40 | 1.78 | .46 | 16 | 71 | 36 | 12 | 29 | .32 | .33 |
| 3/16" Starphire + 3/16" Starphire (3/8" A. S.) | PPG | Ultra Clear | .82 | 1.02 | .96 | 76 | 84 | 81 | 15 | 14 | .50 | .52 |
| 1/4" Solarban 60 (2) + 1/4" Starphire | PPG | Ultra Clear | .39 | 1.82 | .45 | 16 | 71 | 35 | 11 | 27 | .29 | .28 |
| 1/4" Starphire + 1/4" Starphire | PPG | Ultra Clear | .82 | 1.02 | .95 | 74 | 84 | 80 | 15 | 14 | .47 | .50 |
| Tinted | | | | | | | | | | | | |
| Solarbronze + Solarban 60 (3) | PPG | Warm Bronze | .31 | 1.32 | .36 | 7 | 41 | 20 | 8 | 17 | .29 | .30 |
| Solarbronze + Energy Advantage (3) | PPG | Warm Bronze | .46 | .96 | .54 | 16 | 44 | 33 | 9 | 9 | .33 | .33 |
| Solarbronze + Clear Glass | PPG | Warm Bronze | .50 | .96 | .58 | 21 | 48 | 39 | 9 | 8 | .48 | .57 |
| Solargray + Solarban 60 (3) | PPG | Gray | .28 | 1.25 | .32 | 6 | 35 | 17 | 7 | 13 | .29 | .31 |
| Solargray + Energy Advantage (3) | PPG | Gray | .40 | .93 | .47 | 15 | 37 | 28 | 8 | 8 | .33 | .33 |
| Solargray + Clear Glass | PPG | Gray | .45 | .89 | .52 | 20 | 40 | 33 | 7 | 7 | .48 | .57 |
| Solexia + Solarban 60 (3) | PPG | Solex/Green | .36 | 1.67 | .41 | 8 | 60 | 24 | 11 | 11 | .29 | .30 |
| Solexia + Energy Advantage (3) | PPG | Solex/Green | .45 | 1.42 | .52 | 19 | 64 | 33 | 14 | 9 | .33 | .33 |
| Solexia + Clear Glass | PPG | Solex/Green | .49 | 1.41 | .56 | 25 | 69 | 39 | 13 | 8 | .48 | .57 |
| Super Tinted | | | | | | | | | | | | |
| Optigray 23 + Solarban 60 (3) | PPG | Medium Gray | .18 | 1.00 | .21 | 2 | 18 | 9 | 5 | 6 | .29 | .31 |
| Optigray 23 + Energy Advantage (3) | PPG | Medium Gray | .24 | .79 | .28 | 5 | 19 | 13 | 6 | 5 | .33 | .33 |
| Optigray 23 + Clear Glass | PPG | Medium Gray | .28 | .75 | .33 | 6 | 21 | 16 | 5 | 5 | .48 | .58 |
| Graylite + Solarban 60 (3) | PPG | Dark Gray | .17 | .65 | .20 | 2 | 11 | 8 | 5 | 8 | .29 | .31 |
| Graylite + Energy Advantage (3) | PPG | Dark Gray | .28 | .39 | .33 | 4 | 11 | 16 | 5 | 6 | .33 | .33 |
| Graylite + Clear Glass | PPG | Dark Gray | .33 | .36 | .38 | 6 | 12 | 20 | 5 | 5 | .48 | .58 |
| Atlantica + Solarban 60 (3) | PPG | Emerald Green | .30 | 1.73 | .35 | 4 | 52 | 20 | 10 | 8 | .29 | .30 |
| Atlantica + Energy Advantage (3) | PPG | Emerald Green | .35 | 1.60 | .41 | 10 | 56 | 25 | 12 | 7 | .33 | .33 |
| Atlantica + Clear Glass | PPG | Emerald Green | .39 | 1.54 | .46 | 13 | 60 | 29 | 11 | 7 | .48 | .57 |
| EverGreen + Solarban 60 (3) | Pilkington | Green | .30 | 1.73 | .35 | 4 | 52 | 20 | 9 | 7 | .29 | .28 |
| EverGreen + Energy Advantage (3) | Pilkington | Green | .35 | 1.57 | .41 | 9 | 55 | 25 | 11 | 7 | .33 | .33 |
| EverGreen + Clear Glass | Pilkington | Green | .40 | 1.48 | .47 | 12 | 59 | 28 | 10 | 6 | .47 | .50 |
| Caribia + Solarban 60 (3) | PPG | Aqua Green | .30 | 1.73 | .35 | 6 | 52 | 20 | 9 | 7 | .29 | .31 |
| Caribia + Energy Advantage (3) | PPG | Aqua Green | .34 | 1.53 | .39 | 26 | 52 | 24 | 12 | 7 | .33 | .33 |
| Caribia + Clear Glass | PPG | Aqua Green | .38 | 1.58 | .44 | 19 | 60 | 27 | 11 | 7 | .48 | .57 |
| Blue-Green + Solarban 60 (3) | Pilkington | Blue-Green | .37 | 1.59 | .43 | 8 | 59 | 25 | 10 | 12 | .29 | .28 |
| Blue-Green + Energy Advantage (3) | Pilkington | Blue-Green | .46 | 1.35 | .54 | 20 | 62 | 35 | 13 | 9 | .33 | .33 |
| Blue-Green + Clear Glass | Pilkington | Blue-Green | .51 | 1.31 | .59 | 27 | 67 | 40 | 12 | 8 | .47 | .50 |
| Azuria + Solarban 60 (3) | PPG | Aqua Blue | .30 | 1.73 | .35 | 10 | 52 | 20 | 9 | 7 | .29 | .31 |
| Azuria + Energy Advantage (3) | PPG | Aqua Blue | .34 | 1.53 | .39 | 26 | 52 | 24 | 12 | 7 | .33 | .33 |
| Azuria + Clear Glass | PPG | Aqua Blue | .38 | 1.58 | .44 | 34 | 60 | 27 | 11 | 7 | .48 | .57 |
| Versalux Blue + Solarban 60 (3) | Visteon | Blue | .33 | 1.33 | .38 | 9 | 44 | 21 | 8 | 13 | .29 | .28 |
| Versalux Blue + Energy Advantage (3) | Visteon | Blue | .44 | 1.07 | .51 | 21 | 47 | 32 | 9 | 8 | .33 | .33 |
| Versalux Blue + Clear Glass | Visteon | Blue | .49 | 1.04 | .57 | 27 | 51 | 37 | 9 | 7 | .47 | .50 |
| Versalux Blue 2000 + Solarban 60 (3) | Visteon | Blue | .26 | 1.27 | .30 | 4 | 33 | 15 | 6 | 7 | .29 | .28 |
| Versalux Blue 2000 + Energy Advantage (3) | Visteon | Blue | .32 | 1.09 | .38 | 9 | 35 | 21 | 7 | 6 | .33 | .33 |
| Versalux Blue 2000 + Clear Glass | Visteon | Blue | .39 | .97 | .44 | 11 | 38 | 25 | 7 | 6 | .47 | .50 |

| Unless otherwise noted, based on 1-inch (25mm) units with 1/2-inch (13mm) airspace and two 1/4-inch (6mm) lites | | | Solar Heat Gain Coefficient | Light to Solar Gain (LSG) | Shading Coefficient | Transmittance | | | Reflectance | | U-Value (Imperial) | |
|---|----------------------------|------------------------|-----------------------------|---------------------------|---------------------|----------------|-----------|----------------------|-----------------|----------------------|--------------------|----------------|
| Glass Type | Outboard Lite Manufacturer | The Look | | | | Ultra-violet % | Visible % | Total Solar Energy % | Visible Light % | Total Solar Energy % | Winter Nighttime | Summer Daytime |
| Reflective | | | | | | | | | | | | |
| Solarban 80 (2) + Clear Glass | PPG | Light Silver | .23 | 2.04 | .27 | 12 | 47 | 19 | 32 | 40 | .29 | .29 |
| Sun-Guard-20 on Clear (2) + Solarban 60 (3) | Guardian | Silver | .15 | 1.07 | .18 | 5 | 16 | 8 | 32 | 29 | .29 | .28 |
| Sun-Guard-20 on Clear (2) + Energy Advantage (3) | Guardian | Silver | .19 | .89 | .22 | 13 | 17 | 11 | 32 | 28 | .32 | .32 |
| Sun-Guard-20 on Clear (2) + Clear Glass | Guardian | Silver | .21 | .86 | .24 | 17 | 18 | 12 | 32 | 28 | .40 | .41 |
| Sun-Guard-32 on Clear (2) + Solarban 60 (3) | Guardian | Silver | .21 | 1.19 | .25 | 6 | 25 | 12 | 22 | 20 | .29 | .28 |
| Sun-Guard-32 on Clear (2) + Energy Advantage (3) | Guardian | Silver | .27 | .96 | .31 | 17 | 26 | 17 | 22 | 19 | .33 | .32 |
| Sun-Guard-32 on Clear (2) + Clear Glass | Guardian | Silver | .30 | .93 | .35 | 22 | 28 | 19 | 22 | 18 | .42 | .44 |
| Eclipse Advantage Clear (2) + Solarban 60 (3) | Pilkington | Silver | .37 | 1.42 | .43 | 8 | 52 | 25 | 28 | 33 | .29 | .27 |
| Eclipse Advantage Clear (2) + Energy Advantage (3) | Pilkington | Silver | .53 | 1.07 | .61 | 19 | 56 | 41 | 30 | 22 | .31 | .30 |
| Eclipse Advantage Clear (2) + Clear Glass | Pilkington | Silver | .55 | 1.10 | .63 | 25 | 60 | 46 | 29 | 21 | .35 | .35 |
| Sun-Guard Pewter-30 (2) + Solarban 60 (3) | Guardian | Pewter | .20 | 1.15 | .23 | | 23 | 11 | 19 | 19 | .29 | .30 |
| Sun-Guard Pewter-30 (2) + Energy Advantage (3) | Guardian | Pewter | .25 | 1.00 | .29 | | 25 | 15 | 20 | 18 | .33 | .35 |
| Sun-Guard Pewter-30 (2) + Clear Glass | Guardian | Pewter | .28 | .96 | .32 | | 27 | 18 | 20 | 18 | .41 | .48 |
| Solarcool Bronze (2) + Solarban 60 (3) | PPG | Warm Bronze Reflective | .18 | .89 | .20 | 2 | 16 | 9 | 14 | 18 | .29 | .31 |
| Solarcool Bronze (2) + Energy Advantage (3) | PPG | Warm Bronze Reflective | .29 | .62 | .34 | 5 | 18 | 17 | 14 | 13 | .33 | .33 |
| Solarcool Bronze (2) + Clear Glass | PPG | Warm Bronze Reflective | .33 | .58 | .38 | 6 | 19 | 21 | 14 | 12 | .48 | .58 |
| Eclipse Advantage Bronze (2) + Solarban 60 (3) | Pilkington | Warm Bronze Reflective | .26 | 1.16 | .30 | 3 | 30 | 15 | 12 | 15 | .29 | .27 |
| Eclipse Advantage Bronze (2) + Energy Advantage (3) | Pilkington | Warm Bronze Reflective | .36 | .90 | .41 | 7 | 32 | 24 | 13 | 11 | .31 | .30 |
| Eclipse Advantage Bronze (2) + Clear Glass | Pilkington | Warm Bronze Reflective | .38 | .91 | .44 | 9 | 34 | 28 | 13 | 11 | .35 | .35 |
| Solarcool Gray (2) + Solarban 60 (3) | PPG | Medium Gray Reflective | .16 | .88 | .19 | 2 | 14 | 7 | 11 | 14 | .29 | .31 |
| Solarcool Gray (2) + Energy Advantage (3) | PPG | Medium Gray Reflective | .26 | .58 | .30 | 5 | 15 | 17 | 11 | 10 | .33 | .33 |
| Solarcool Gray (2) + Clear Glass | PPG | Medium Gray Reflective | .30 | .53 | .35 | 6 | 16 | 18 | 11 | 10 | .48 | .58 |
| Eclipse Advantage Gray (2) + Solarban 60 (3) | Pilkington | Medium Gray Reflective | .23 | 1.08 | .27 | 3 | 25 | 13 | 10 | 12 | .29 | .27 |
| Eclipse Advantage Gray (2) + Energy Advantage (3) | Pilkington | Medium Gray Reflective | .31 | .86 | .36 | 7 | 27 | 20 | 11 | 9 | .31 | .30 |
| Eclipse Advantage Gray (2) + Clear Glass | Pilkington | Medium Gray Reflective | .33 | .87 | .39 | 9 | 29 | 23 | 11 | 9 | .35 | .35 |
| Solarcool Graylite (2) + Solarban 60 (3) | PPG | Dark Gray Reflective | .12 | .33 | .14 | 1 | 4 | 4 | 5 | 10 | .29 | .32 |
| Solarcool Graylite (2) + Energy Advantage (3) | PPG | Dark Gray Reflective | .21 | .24 | .24 | 1 | 5 | 9 | 5 | 7 | .33 | .33 |
| Solarcool Graylite (2) + Clear Glass | PPG | Dark Gray Reflective | .25 | .20 | .29 | 2 | 5 | 12 | 5 | 6 | .48 | .59 |
| Solarcool Solexia (2) + Solarban 60 (3) | PPG | Green Reflective | .19 | 1.26 | .21 | 2 | 24 | 10 | 24 | 15 | .29 | .31 |
| Solarcool Solexia (2) + Energy Advantage (3) | PPG | Green Reflective | .26 | .96 | .30 | 6 | 25 | 15 | 24 | 13 | .33 | .33 |
| Solarcool Solexia (2) + Clear Glass | PPG | Green Reflective | .30 | .90 | .35 | 7 | 27 | 19 | 24 | 12 | .48 | .58 |
| Eclipse Advantage Evergreen (2) + Solarban 60 (3) | Pilkington | Green Reflective | .24 | 1.57 | .28 | 2 | 38 | 14 | 17 | 9 | .29 | .27 |
| Eclipse Advantage Evergreen (2) + Energy Advantage (3) | Pilkington | Green Reflective | .27 | 1.49 | .31 | 5 | 40 | 18 | 18 | 9 | .31 | .30 |
| Eclipse Advantage Evergreen (2) + Clear Glass | Pilkington | Green Reflective | .29 | 1.50 | .33 | 6 | 43 | 20 | 17 | 9 | .35 | .35 |
| Sun-Guard-20 (2) on Green + Solarban 60 (3) | Guardian | Silver/Green | .14 | .93 | .16 | 2 | 13 | 6 | 24 | 13 | .29 | .28 |
| Sun-Guard-20 (2) on Green + Energy Advantage (3) | Guardian | Silver/Green | .16 | .88 | .14 | 6 | 14 | 7 | 24 | 13 | .32 | .32 |
| Sun-Guard-20 (2) on Green + Clear Glass | Guardian | Silver/Green | .19 | .84 | .22 | 7 | 16 | 8 | 24 | 13 | .40 | .41 |
| Sun-Guard-32 (2) on Green + Solarban 60 (3) | Guardian | Silver/Green | .17 | 1.24 | .20 | 3 | 21 | 8 | 17 | 10 | .29 | .28 |
| Sun-Guard-32 (2) on Green + Energy Advantage (3) | Guardian | Silver/Green | .20 | 1.10 | .23 | 8 | 22 | 11 | 17 | 10 | .33 | .32 |
| Sun-Guard-32 (2) on Green + Clear Glass | Guardian | Silver/Green | .24 | 1.00 | .27 | 10 | 24 | 12 | 17 | 10 | .42 | .44 |
| Solarcool (2) Caribia + Solarban 60 (3) | PPG | Blue-Green Reflective | .16 | 1.25 | .18 | 2 | 20 | 8 | 19 | 10 | .29 | .31 |
| Solarcool (2) Caribia + Energy Advantage (3) | PPG | Blue-Green Reflective | .20 | 1.10 | .23 | 8 | 22 | 10 | 20 | 10 | .33 | .33 |
| Solarcool (2) Caribia + Clear Glass | PPG | Blue-Green Reflective | .24 | 1.00 | .28 | 6 | 24 | 12 | 19 | 10 | .48 | .58 |
| Eclipse Advantage Blue-Green (2) + Solarban 60 (3) | Pilkington | Blue-Green Reflective | .29 | 1.51 | .34 | 4 | 44 | 19 | 21 | 14 | .29 | .27 |
| Eclipse Advantage Blue-Green (2) + Energy Advantage (3) | Pilkington | Blue-Green Reflective | .36 | 1.33 | .41 | 10 | 48 | 26 | 22 | 13 | .31 | .30 |
| Eclipse Advantage Blue-Green (2) + Clear Glass | Pilkington | Blue-Green Reflective | .38 | 1.35 | .44 | 13 | 51 | 29 | 21 | 12 | .35 | .35 |
| Solarcool (2) Azuria + Solarban 60 (3) | PPG | Aqua Blue Reflective | .16 | 1.25 | .18 | 3 | 20 | 8 | 19 | 10 | .29 | .31 |
| Solarcool (2) Azuria + Energy Advantage (3) | PPG | Aqua Blue Reflective | .20 | 1.10 | .23 | 8 | 22 | 10 | 20 | 10 | .33 | .33 |
| Solarcool (2) Azuria + Clear Glass | PPG | Aqua Blue Reflective | .24 | 1.00 | .27 | 10 | 24 | 12 | 19 | 10 | .48 | .58 |
| Eclipse Advantage Artic Blue (2) + Solarban 60 (3) | Pilkington | Blue Reflective | .29 | 1.51 | .34 | 4 | 44 | 19 | 21 | 14 | .29 | .27 |
| Eclipse Advantage Artic Blue (2) + Energy Advantage (3) | Pilkington | Blue Reflective | .27 | 1.22 | .31 | 7 | 33 | 17 | 14 | 9 | .31 | .30 |
| Eclipse Advantage Artic Blue (2) + Clear Glass | Pilkington | Blue Reflective | .29 | 1.23 | .33 | 9 | 35 | 19 | 13 | 9 | .35 | .35 |
| Versalux Blue 2000T (2) + Solarban 60 (3) | Visteon | Bright Blue Reflective | .21 | 1.10 | .24 | 3 | 23 | 11 | 12 | 11 | .29 | .28 |
| Versalux Blue 2000T (2) + Energy Advantage (3) | Visteon | Bright Blue Reflective | .27 | .93 | .31 | 7 | 25 | 16 | 12 | 10 | .33 | .33 |

| | | | | | | | | | | | | |
|---------------------------------------|---------|------------------------|-----|-----|-----|---|----|----|----|---|-----|-----|
| Versalux Blue 2000T (2) + Clear Glass | Visteon | Bright Blue Reflective | .32 | .84 | .37 | 9 | 27 | 19 | 12 | 9 | .47 | .50 |
|---------------------------------------|---------|------------------------|-----|-----|-----|---|----|----|----|---|-----|-----|