

# Performance Comparison Charts

Find performance-matched options by brand and by metric (U-value, SHGC, VLT, Rw etc).  
Product names belong to their respective owners and are used for identification  
and comparison only.

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Redefining the possibilities of glass

# Performance Comparison: Single Glazed Hard Coat

| PRODUCT              | MAKEUP  | LOW-E TYPE | COLOUR                                                                            | VISIBLE |           |          | SOLAR  |       | U-VALUE | SHGC | SC   | SIMILAR PRODUCTS                            |
|----------------------|---------|------------|-----------------------------------------------------------------------------------|---------|-----------|----------|--------|-------|---------|------|------|---------------------------------------------|
|                      |         |            |                                                                                   | TRANS.  | REFL. OUT | REFL. IN | TRANS. | REFL. |         |      |      |                                             |
| Cool-E Clear         | 4mm     | Hard Coat  |  | 83      | 10        | 11       | 70     | 11    | 3.65    | 0.73 | 0.84 | ComfortPlus™ Clear, EnergyTech™ Planibel G™ |
|                      | 5mm     | Hard Coat  |  | 82      | 10        | 11       | 68     | 11    | 3.62    | 0.72 | 0.82 |                                             |
|                      | 6mm     | Hard Coat  |  | 82      | 10        | 11       | 67     | 10    | 3.61    | 0.70 | 0.81 |                                             |
|                      | 8mm     | Hard Coat  |  | 82      | 11        | 11       | 66     | 10    | 3.61    | 0.70 | 0.80 |                                             |
|                      | 10mm    | Hard Coat  |  | 79      | 9         | 10       | 58     | 8     | 3.59    | 0.64 | 0.74 |                                             |
|                      | 6.38mm  | Hard Coat  |  | 82      | 10        | 11       | 65     | 9     | 3.60    | 0.70 | 0.80 |                                             |
|                      | 10.38mm | Hard Coat  |  | 81      | 11        | 11       | 61     | 10    | 3.52    | 0.67 | 0.77 |                                             |
|                      | 12.38mm | Hard Coat  |  | 80      | 10        | 11       | 56     | 9     | 3.50    | 0.63 | 0.72 |                                             |
| Cool-E Neutral       | 6mm     | Hard Coat  |  | 61      | 7         | 9        | 43     | 8     | 4.07    | 0.53 | 0.61 | ComfortPlus™ Neutral, SolTech™, Sunergy®    |
|                      | 6.38mm  | Hard Coat  |  | 60      | 8         | 10       | 40     | 8     | 3.98    | 0.52 | 0.60 |                                             |
|                      | 10.38mm | Hard Coat  |  | 61      | 8         | 10       | 40     | 8     | 3.90    | 0.52 | 0.59 |                                             |
|                      | 12.38mm | Hard Coat  |  | 59      | 7         | 9        | 37     | 7     | 3.88    | 0.50 | 0.57 |                                             |
| Cool-E Grey          | 6mm     | Hard Coat  |  | 39      | 5         | 8        | 36     | 6     | 3.70    | 0.47 | 0.54 | Grey EnergyTech™                            |
| Cool-E Solar Neutral | 6mm     | Hard Coat  |  | 44      | 16        | 6        | 24     | 22    | 3.99    | 0.35 | 0.41 | EVantage™, SolTech™, Sunergy®               |

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# Performance Comparison: Double Glazed Hard Coat

| PRODUCT              | MAKEUP       | LOW-E TYPE | COLOUR                                                                            | VISIBLE |           |          | SOLAR  |       | U-VALUE |       | SHGC | SC   | SIMILAR PRODUCTS                |
|----------------------|--------------|------------|-----------------------------------------------------------------------------------|---------|-----------|----------|--------|-------|---------|-------|------|------|---------------------------------|
|                      |              |            |                                                                                   | TRANS.  | REFL. OUT | REFL. IN | TRANS. | REFL. | AIR     | ARGON |      |      |                                 |
| Cool-E Clear         | 4 / 12 / 4   | Hard Coat  |  | 75      | 16        | 17       | 60     | 15    | 1.88    | 1.60  | 0.66 | 0.76 | EnergyTech™, Planibel G™        |
|                      | 5 / 12 / 5   | Hard Coat  |  | 75      | 16        | 17       | 57     | 14    | 1.87    | 1.59  | 0.64 | 0.74 |                                 |
|                      | 6 / 12 / 6   | Hard Coat  |  | 74      | 16        | 17       | 55     | 14    | 1.86    | 1.58  | 0.63 | 0.72 |                                 |
|                      | 8 / 12 / 8   | Hard Coat  |  | 73      | 16        | 17       | 53     | 14    | 1.87    | 1.59  | 0.62 | 0.71 |                                 |
|                      | 10 / 12 / 10 | Hard Coat  |  | 70      | 15        | 16       | 46     | 11    | 1.85    | 1.58  | 0.56 | 0.64 |                                 |
| Cool-E Neutral       | 6 / 12 / 6   | Hard Coat  |  | 55      | 10        | 16       | 36     | 10    | 2.08    | 1.84  | 0.45 | 0.52 | SolTech™ Neutral, Sunergy®      |
| Cool-E Grey          | 6 / 12 / 6   | Hard Coat  |  | 35      | 7         | 15       | 29     | 7     | 1.91    | 1.64  | 0.39 | 0.44 | Grey EnergyTech™, Sunergy® Grey |
| Cool-E Solar Neutral | 6 / 12 / 6   | Hard Coat  |  | 39      | 17        | 13       | 21     | 23    | 2.05    | 1.80  | 0.28 | 0.32 | EVantage™ Grey, SolTech™ Grey   |

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# Performance Comparison: Double Glazed Soft Coat

| PRODUCT       | MAKEUP     | LOW-E TYPE              | COLOUR                                                                            | VISIBLE |           |          | SOLAR  |       | ARGON | SHGC | SC   | SIMILAR PRODUCTS                                                                               |
|---------------|------------|-------------------------|-----------------------------------------------------------------------------------|---------|-----------|----------|--------|-------|-------|------|------|------------------------------------------------------------------------------------------------|
|               |            |                         |                                                                                   | TRANS.  | REFL. OUT | REFL. IN | TRANS. | REFL. |       |      |      |                                                                                                |
| Ultra Light-E | 4 / 12 / 4 | Single Silver Soft Coat |  | 81      | 13        | 13       | 54     | 30    | 1.37  | 0.57 | 0.66 | ClimaTech™, LightBridge™, LightTech, LuxTech™, LowE Prime®, LowPlus, Optitherm™, PerformaTech™ |
|               | 5 / 12 / 5 | Single Silver Soft Coat |  | 81      | 13        | 13       | 54     | 30    | 1.37  | 0.57 | 0.66 |                                                                                                |
|               | 6 / 12 / 6 | Single Silver Soft Coat |  | 80      | 13        | 13       | 53     | 29    | 1.36  | 0.57 | 0.65 |                                                                                                |
|               | 8 / 12 / 8 | Single Silver Soft Coat |  | 79      | 14        | 13       | 51     | 28    | 1.35  | 0.56 | 0.64 |                                                                                                |
| Ultra Cool-E  | 6 / 12 / 6 | Double Silver Soft Coat |  | 68      | 14        | 15       | 29     | 45    | 1.34  | 0.32 | 0.37 | LowE Advance®, PerformaTech™                                                                   |
|               | 6 / 12 / 6 | Double Silver Soft Coat |  | 68      | 14        | 15       | 28     | 42    | 1.33  | 0.32 | 0.37 |                                                                                                |
| Ultra Plus 60 | 6 / 12 / 6 | Triple Silver Soft Coat |  | 60      | 14        | 13       | 24     | 45    | 1.34  | 0.26 | 0.30 | LightTech Max, LoE-366®, LoE³-340®, LowE Max®, PerformaTech™                                   |
|               | 8 / 12 / 8 | Triple Silver Soft Coat |  | 59      | 14        | 14       | 23     | 42    | 1.33  | 0.26 | 0.30 |                                                                                                |
| Ultra Pro 52  | 6 / 12 / 6 | Double Silver Soft Coat |  | 50      | 14        | 14       | 21     | 40    | 1.34  | 0.25 | 0.29 | LowE Advance®, PerformaTech™                                                                   |
|               | 8 / 12 / 8 | Double Silver Soft Coat |  | 49      | 14        | 14       | 21     | 40    | 1.33  | 0.25 | 0.29 |                                                                                                |
| Ultra Pro 61  | 6 / 12 / 6 | Double Silver Soft Coat |  | 60      | 13        | 13       | 26     | 38    | 1.35  | 0.30 | 0.35 |                                                                                                |

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# Performance Comparison: Acoustic Laminate

All Acoustic glass is certified and available in Low E and Double glazed options.

| PRODUCT          | MAKEUP | RW | C  | CTR | SIMILAR PRODUCTS                                       |
|------------------|--------|----|----|-----|--------------------------------------------------------|
| Whisper Acoustic | 6.5mm  | 36 | -1 | -3  | ComfortHush™, QLamHush™, ArchiLam®, Audioshield®, Hush |
|                  | 10.5mm | 38 | -1 | -3  |                                                        |
|                  | 12.5mm | 39 | -1 | -3  |                                                        |

# Performance Comparison: Security Glass

All Security glass is certified and available in Low E and Double glazed options.

| PRODUCT            | MAKEUP | SIMILAR PRODUCTS    |
|--------------------|--------|---------------------|
| Ultra Secure Guard | 14mm   | AssaultGuard™ Ultra |
| Prison Glass       | 17mm   | JailGuard™          |
|                    | 22mm   |                     |

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