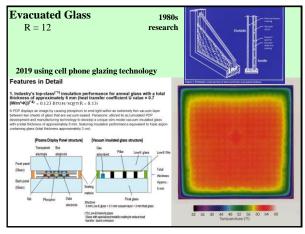




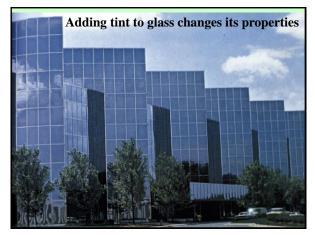


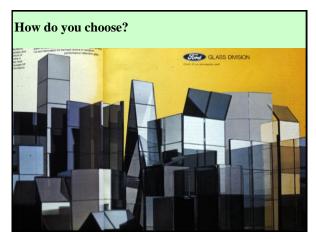
|                  | Valley High  |        | ol, in Auro         | ra, Illinoi:    | s, Kalwali     | Aerog<br>R = 20 | el   |
|------------------|--------------|--------|---------------------|-----------------|----------------|-----------------|------|
| FRP Face Sheet C |              |        | ht Transmission (VL | .T) %           |                | +               |      |
| Exterior FRP     | Interior FRP | 0.53 U | 0.29   0.23* U      | 0.22   0.14* U  | 0.18   0.10* U | 0.05* U         | SHGC |
| Greenish Blue    | White        | 25%    | 14%                 | 5%              | 3%             | 14%             | .19  |
| Aqua             | White        | 29%    | 17%                 | 6%              | 4%             | 15%             | .21  |
| Rose             | White        | 30%    | 18%                 | 6%              | 4%             | 16%             | .21  |
| Ice Blue         | White        | 35%    | 20%                 | 8%              | 6%             | 21%             | .26  |
| White            | White        | 20%    | 15%                 | 8%              | 5%             | 14%             | .18  |
| Crystal          | White        | 35%    | 20%                 | 12%             | 8%             | 20%             | .25  |
| Crystal          | Crystal      | 50%    | 30%                 | 15%             | 10%            | NA              | N/A  |
|                  |              | = Air  | Gap Only            | = Fiberglass TI | = Cabot's Lum  | ira™ Aerogel    |      |





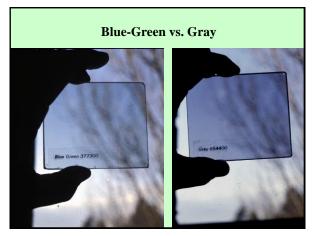


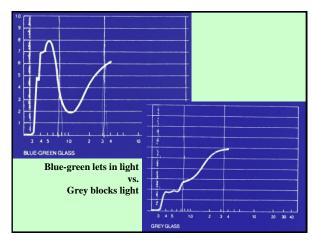




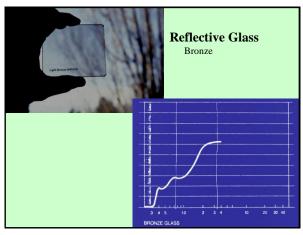
| COLOR     | AESTHETIC EFFECT                       | GLASS                              | COLOR                                   | AESTHETIC EFFECT            | GLASS                               |
|-----------|----------------------------------------|------------------------------------|-----------------------------------------|-----------------------------|-------------------------------------|
| CLEAR     | Tansparerd                             | Clear                              |                                         | Light Green (Aquamanne)     | Sularban 560-8, 14, 20 (2) Green    |
|           | Taraparent                             | Surgate 100 (2) or (3) Clear       | GREEN                                   | Mazun Green                 | Scies Tinted                        |
| CHROME    | Silver Bronze                          | Solarcool (1) Bronze               |                                         |                             | Sungale 100 (2) or (2)Girsen        |
|           | Silver Gray                            | Solarcool (1) Gray                 |                                         | and other                   | Solarban 565-20 (2) Green           |
|           | Silver Black                           | Solarcool (1) Black                |                                         | Olive (vierdelite)          |                                     |
| BAYER     | Silver (Ice Crystal)                   | Solarban 560-8. 14, 20 (2) Clear   |                                         | Dark Green (Emerald)        | Solarban 550-13, 18, 22 (2) Green   |
| PEWTER    | Solt Pewter (Polished Pewter)          | Solartian 550-13, 18, 22 (3) Clear |                                         | Soft Green (Green Sapphine) | Solarban 550 13, 18, 22 (3) Green   |
|           | Bright Pewter (Antique Silver)         | Solarban 550-13, 18, 22 (2) Clear  |                                         | Green Brown (Rock Crystal)  | Solerban 575-20 (2) Green           |
| BLACK     | Black                                  | Solarcool (2) Black                | - 112030                                | Green-Brown (Copper Jade)   | Solarbon 575-30 (3) Green           |
|           | Black                                  | Graylite Tinted                    |                                         | Light Bronze (Tourmaline)   | Solarban 560-8, 14, 20 (2) Bronze   |
|           | Light Gray (Black Pearl)               | Solarban 560-8, 14, 20 (2) Gray    | 1000                                    | -                           |                                     |
|           | Medium Gray                            | Solargray Tinted                   | 10000                                   | Light Bronze                | Solarbronze Tinted                  |
|           | Medium Gray                            | Sungate 100 (2) or (3) Gray        | E 2023                                  | Light Bionze                | Surgate 100 (2) or (3)Bronze        |
|           | Medium Gray (Sunstane)                 | Solarban 565-20 (2) Gray           |                                         | Light Bionze                | Sciarcool (2) Bronze                |
|           | Soft Gray (Carrieo Onyx)               | Solarban 550-13. 18. 22 (3) Gray   | 100.22                                  | Madum Bronze                | Solarban 585-20 (2) Clear           |
|           | Blue Gray (Jet Crystal)                | Solarban 570-20 (2) Gray           | 0.000                                   | (Cistine Quartz)            |                                     |
|           | Blue Gray (Jet Crystal)                | Solarban 570-30 (2) Gray           | BRONZE                                  | Medium Bronze (Honey Opal)  | Solarban 565-20 (2) Bronze          |
|           | Blue Gray (Crystal Cobalt)             | Solarban 470-20 (2) Gray           | 100                                     | Dark Bronze (Jasper Quartz) | Solarban (550-13, 18, 22 (2) Bronus |
| 3.237.2   | Dark Gray (Smokey Quartz)              | Solarban 550-13, 15, 22 (2) Gray   | 100000                                  | Soft Bronze (Crystal Topaz) | Solarban 550-13, 18, 22 (3) Bronze  |
|           | Dark Gray                              | Solarcool (2) Gray                 |                                         | Bronze Blue (Moonstone)     | Solarban 570-20 (2) Bronze          |
|           | Red Gray (Fire Opel)                   | Solwban 575-20 (2) Gray            | CONTRACTOR IN                           |                             |                                     |
|           | Red Gray (Copper Gray)                 | Sclartuan 575-30 (3) Gray          | 100000000000000000000000000000000000000 | Bronze Blue (Moonstone)     | Solarban 570-30 (2) Bionas          |
| RLAR .    | Light Blue (Blue Quartz)               | Solarban 575-20 (2) Clear          | ST STORES                               | Blue Bronze (Scenic Agale)  | Sciarban 470-20 (2) Bronze          |
|           | Medium Blue (Blue Sapphire)            | Solarben 570-30 (2) Clear          |                                         | Red Bronze (Rose Cinnabiar) | Solarban 575-20 (2) Branze          |
|           | Dark Blue (Tanzanite)                  | Solarban 470-20 (2) Clear          | C. Constant                             | Red Bronze (Copper Brown)   | Solarban 575-30 (3) Bronze          |
| NUL GREEN | Deep Blue-Green<br>(Crystal Turquotee) | Solarban 470-20 (2) Green          |                                         | Bright Pink (Topac)         | Solarban 575-20 (2) Clear           |
|           | Bue Green (Blue Jade)                  | Solarban 570-30 (2) Green          | COPPER                                  | (india tany (point)         | Solarban 575-30 (3) Clear           |



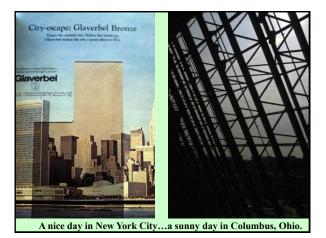








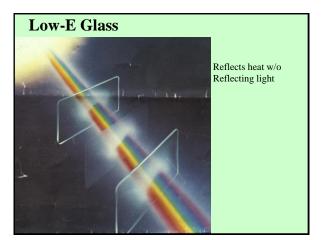




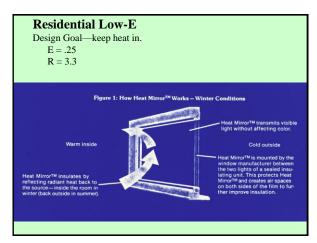




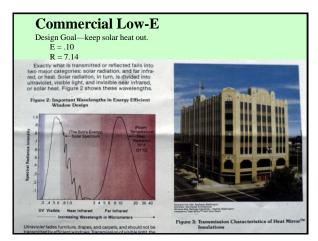


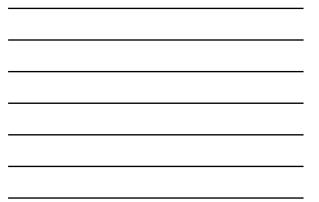




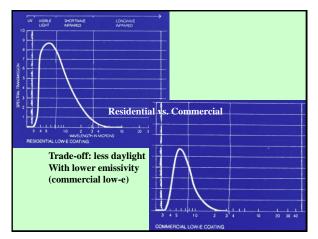




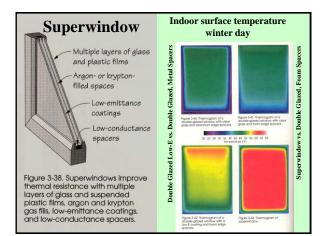






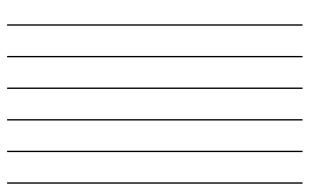


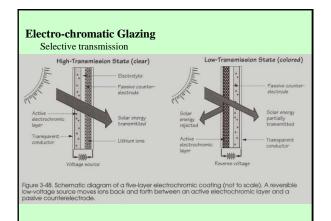






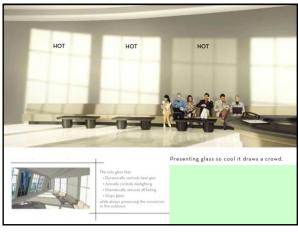








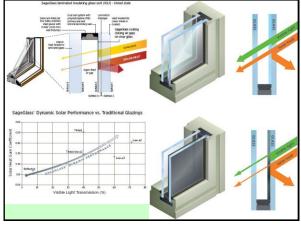






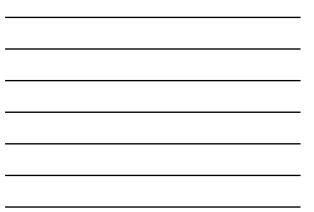


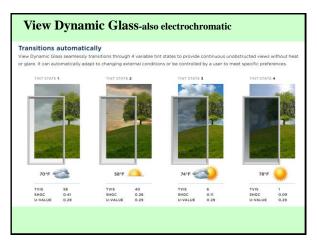




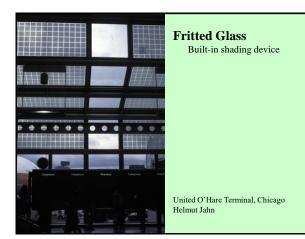




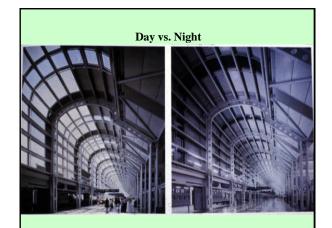


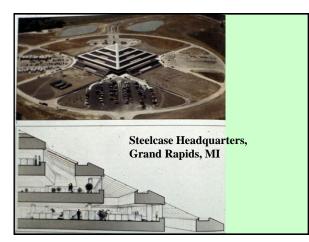


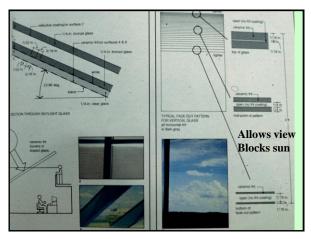


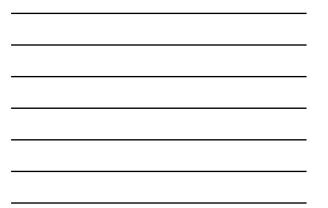




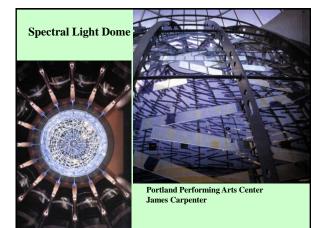






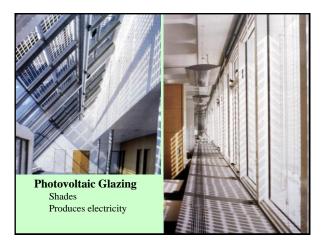
















New Bird-Friendly AviProtek Glass Features Solarban Solar Control Low-E Glass

Each year, more than 600 million birds die from collisions with alass in the United States.

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