



(Spotless on surface #1, Comfort Ti on surface #2)

| Ti Coating | Glass Thickness | Air Space | Winter U-value | | Summer U-value | | % Transmittance | | | % Reflectance | | | Shading Coefficient | SHGC | RHG | |
|-----------------|-----------------|-----------|----------------|-------|----------------|-------|-----------------|-------|----|---------------|--------|-------|---------------------|------|-----|-------|
| | | | Air | Argon | Air | Argon | Visible | Solar | UV | Vis out | Vis in | Solar | | | Air | Argon |
| Comfort Ti-R | SGL | 1/2" | 0.30 | 0.24 | 0.28 | 0.22 | 65 | 41 | 30 | 25 | 21 | 40 | 0.50 | 0.43 | 104 | 102 |
| | 1/8" | 1/2" | 0.29 | 0.24 | 0.27 | 0.21 | 62 | 39 | 22 | 26 | 22 | 38 | 0.48 | 0.42 | 100 | 99 |
| | 5/32" | 1/2" | 0.29 | 0.24 | 0.28 | 0.21 | 62 | 38 | 20 | 25 | 21 | 35 | 0.48 | 0.42 | 100 | 99 |
| | 3/16" | 1/2" | 0.29 | 0.24 | 0.27 | 0.21 | 62 | 37 | 19 | 25 | 21 | 33 | 0.48 | 0.42 | 100 | 98 |
| | 1/4" | 1/2" | 0.29 | 0.24 | 0.27 | 0.21 | 60 | 35 | 17 | 24 | 20 | 32 | 0.47 | 0.41 | 98 | 96 |
| Comfort Ti-AC | SGL | 1/2" | 0.29 | 0.24 | 0.28 | 0.21 | 57 | 36 | 25 | 30 | 21 | 43 | 0.44 | 0.39 | 93 | 91 |
| | 1/8" | 1/2" | 0.29 | 0.24 | 0.27 | 0.21 | 56 | 34 | 19 | 29 | 21 | 40 | 0.43 | 0.38 | 91 | 89 |
| | 5/32" | 1/2" | 0.29 | 0.24 | 0.27 | 0.21 | 53 | 33 | 16 | 30 | 21 | 38 | 0.42 | 0.36 | 88 | 86 |
| | 3/16" | 1/2" | 0.29 | 0.24 | 0.27 | 0.21 | 53 | 32 | 17 | 29 | 21 | 36 | 0.42 | 0.36 | 87 | 85 |
| | 1/4" | 1/2" | 0.29 | 0.24 | 0.27 | 0.21 | 52 | 30 | 14 | 28 | 20 | 34 | 0.41 | 0.36 | 86 | 84 |
| Comfort Ti-AC40 | SGL | 1/2" | 0.30 | 0.24 | 0.28 | 0.22 | 63 | 33 | 26 | 15 | 14 | 38 | 0.41 | 0.36 | 87 | 85 |
| | 1/8" | 1/2" | 0.30 | 0.24 | 0.28 | 0.22 | 61 | 32 | 22 | 16 | 14 | 37 | 0.40 | 0.35 | 85 | 83 |
| | 5/32" | 1/2" | 0.30 | 0.24 | 0.28 | 0.22 | 58 | 30 | 18 | 16 | 14 | 35 | 0.39 | 0.34 | 83 | 80 |
| | 3/16" | 1/2" | 0.30 | 0.24 | 0.28 | 0.22 | 59 | 30 | 18 | 16 | 13 | 33 | 0.39 | 0.34 | 83 | 81 |
| | 1/4" | 1/2" | 0.29 | 0.24 | 0.28 | 0.22 | 58 | 29 | 17 | 15 | 13 | 31 | 0.39 | 0.34 | 83 | 80 |
| Comfort Ti-AC36 | SGL | 1/2" | 0.30 | 0.24 | 0.28 | 0.22 | 61 | 32 | 24 | 15 | 14 | 39 | 0.40 | 0.35 | 85 | 83 |
| | 1/8" | 1/2" | 0.30 | 0.24 | 0.28 | 0.22 | 60 | 31 | 22 | 17 | 14 | 37 | 0.40 | 0.34 | 83 | 81 |
| | 5/32" | 1/2" | 0.29 | 0.24 | 0.28 | 0.22 | 59 | 30 | 18 | 16 | 14 | 35 | 0.39 | 0.34 | 82 | 80 |
| | 3/16" | 1/2" | 0.29 | 0.24 | 0.28 | 0.22 | 59 | 30 | 18 | 16 | 13 | 33 | 0.39 | 0.34 | 83 | 80 |
| | 1/4" | 1/2" | 0.29 | 0.24 | 0.27 | 0.22 | 58 | 28 | 17 | 18 | 14 | 33 | 0.39 | 0.33 | 81 | 79 |

All values are for center of glass and were obtained using LBNL's Window 5.2 software
All make-ups are Spotless on surface #1, Comfort Ti coating on surface #2, 1/2" air space, and Clear inboard.

Spotless Ti is a dual-coated, patent pending glass product.



To learn more, visit www.afgglass.com or call 800-251-0441
AFG Glass • P.O. Box 929 • Kingsport, TN 37662 • www.afgglass.com

CTS 4/21/06GF

Spotless Ti™



A Clear Advantage in Energy-Efficient,
Low-Maintenance Glass



Spotless Ti™ Easier, Safer, Faster ...and Saves You Money.



A morning in the life of cleaning regular glass

Start: 7:00 a.m.–8:00 a.m.
Wash, rinse and dry back and side windows by hand.

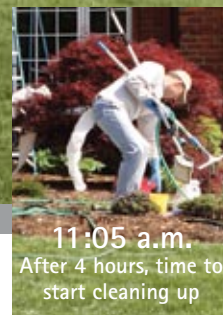


8:00 a.m.
Wash windows with hose, then sponge wash, rinse and dry windows by hand

9:00 a.m.
Set up ladder and wash, rinse and dry windows by hand

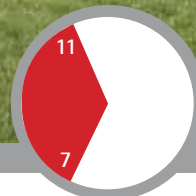
10:00 a.m.
Move and set up ladder again and wash and dry windows

11:00 a.m.
Move and set up ladder and wash, rinse and dry windows



11:05 a.m.
After 4 hours, time to start cleaning up

Elapsed time:
4 hours plus clean up



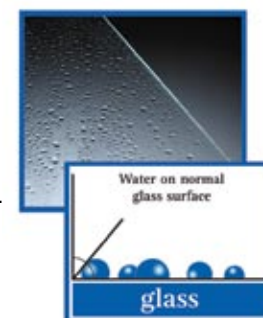
Spotless Ti™ - The Ultimate Window Solution

By combining the successful Comfort Ti™ family of low-e glass with the new Spotless Low Maintenance/No Dry Coating, AFG Glass has created the ultimate simple solution. Windows featuring Spotless Ti™ combine low maintenance and low emissivity coatings that deliver outstanding energy efficiency and climate control, together with easily maintained glass. This dual coated product saves time and costs for homeowners—delivering lower year-round energy bills and reduced window maintenance.

No Dry Technology™

While most glass repels rainwater—creating unsightly streaks and spots—the unique sheeting action on the surface of Spotless Ti™ is designed to attract water, spread it evenly over the surface of the glass, and then sheet it away. With the No Dry Technology™ of AFG's Spotless coatings, the need to hand-dry windows is eliminated. It allows for fast, even drying—without the "beading" that can leave behind water marks or streaks.

Times shown in this advertisement are estimates only and in no way constitute an express or implied warranty as to actual times or product performance.



AFG Glass: Looking Beyond

Founded in 1978, AFG Glass has built its reputation on providing innovative, practical solutions that meet customers' real-world needs. AFG is the second-largest supplier of flat glass in North America—and the leading supplier to the construction/specialty glass market. AFG offers industry-leading glass products that can be used alone, or combined in an insulating unit, to create customized solutions that meet the diverse needs of both window manufacturers and homeowners. To learn more, visit www.afgglass.com or call 800-251-0441.

An hour in the life of cleaning Spotless Ti™

Start: 8:00 a.m.–8:30 a.m.
Wash and rinse back and side windows with a hose.



8:30 a.m.
Wash windows with hose

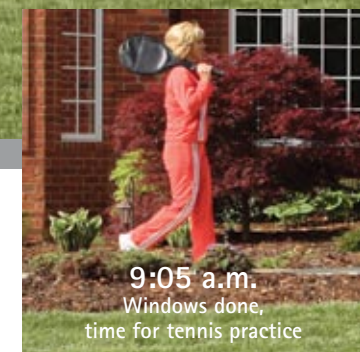
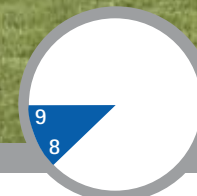
8:35 a.m.
Wash windows with hose/brush extension

8:45 a.m.
Wash windows with hose

8:50 a.m.
Wash windows with hose

9:00 a.m.
Finish washing casement windows with hose

Elapsed time:
1 hour



9:05 a.m.
Windows done, time for tennis practice

Minimal Cleaning and Maximum Beauty

The low maintenance coating on Spotless Ti™ is a permanent part of the glass itself and offers upkeep and aesthetic benefits for the entire life of the window. With Spotless Ti™ homeowners never have to activate the coating and the time needed for routine cleaning is dramatically reduced. There is no need for ladders, scaffolds or climbing on the roof. No need for expensive cleaners and paper towels. With Spotless Ti™ simply use a sponge, mild soap and water, followed by rinsing with a hose for the upmost appearance and clarity.



Customized Options

AFG Glass has built a reputation as an innovator in low-e energy efficient coatings. Customers who choose Spotless Ti™ can customize their windows for every ENERGY STAR® option by selecting the appropriate AFG Comfort Ti™ coating.



To learn more, visit www.afgglass.com or call 800-251-0441
AFG Glass • P.O. Box 929 • Kingsport, TN 37662 • www.afgglass.com