

**THERMAL PERFORMANCE**

Glaz-Tech Industries provides a diverse range of commercial and residential low-emissivity products that integrate energy efficiency and thermal performance. Glaz-Tech's hard and soft coat coatings are customized to meet designer's requirements and provides solutions for both cold or warm climates. Glaz-Tech strives for exceptional solar energy control to establish the balance between natural daylight, glare control and energy savings. Visit [glaztech.com](http://glaztech.com) for several options on low-e coatings and determine which energy efficient product(s) will work best with your projects.



A Source for Performance Options



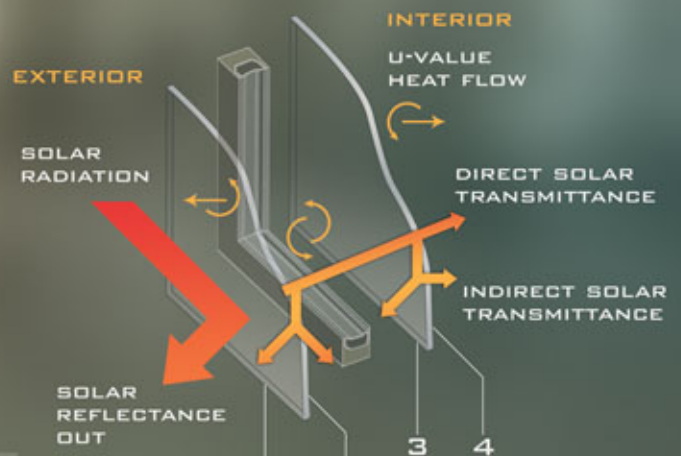
**CHOICE FOR LIGHT.  
CHOICE FOR PERFORMANCE.**

**LOW-E FEATURES**

- Savings on energy costs.
- Excellent solar control.
- Year-round energy efficiency and comfort due to reduction in relative heat-gain.
- Energy efficient window solution for insulating glass units.
- Quality thermal performance in addition with high light transmittance levels.
- Reduces ultraviolet light transmissions.
- Conserves a natural appearance, viewed from the outside or inside.



**SOLAR HEAT DIAGRAM**




















**2** Low-E surface. May also be applied to the 3rd surface.

Appearance	Product	Outboard Substrate	Transmission			Reflectance			U-Value		Relative Heat Gain	Shading Coefficient	Solar Heat Gain Coefficient
			Visible Light %	Ultra-violet %	Total Solar Energy %	Visible Light Out%	Visible Light In%	Total Solar Energy %	Winter Nighttime	Summer Daytime			

**Performance Data**

6 mm / 12 mm a.s. / 6 mm

	Clear	<b>SNX 62/27</b>	Clear	<b>62</b>	6	23	11	12	39	0.28	0.27	65	0.31	<b>0.27</b>
	Clear	<b>SN 68</b>	Clear	<b>68</b>	29	33	11	12	32	0.29	0.28	90	0.43	<b>0.38</b>
	Ultra Clear	<b>SN 68</b>	UltraWhite	<b>69</b>	31	34	11	12	39	0.29	0.28	92	0.44	<b>0.38</b>
	Green	<b>SN 68</b>	Green	<b>58</b>	14	24	9	11	9	0.29	0.28	73	0.34	<b>0.30</b>
	Light Gray	<b>SN 68</b>	CrystalGray	<b>49</b>	17	24	8	11	16	0.29	0.28	72	0.34	<b>0.30</b>
	Clear	<b>SN 54</b>	Clear	<b>54</b>	15	23	13	18	33	0.29	0.27	68	0.32	<b>0.28</b>
	Ultra Clear	<b>SN 54</b>	UltraWhite	<b>54</b>	16	24	13	18	41	0.29	0.27	69	0.32	<b>0.28</b>
	Green	<b>SN 54</b>	Green	<b>46</b>	7	17	10	18	10	0.29	0.27	59	0.27	<b>0.24</b>
	Light Gray	<b>SN 54</b>	CrystalGray	<b>39</b>	9	17	9	17	17	0.29	0.27	57	0.26	<b>0.23</b>
	Light Silver	<b>AG50</b>	Clear	<b>50</b>	26	28	28	18	36	0.30	0.28	80	0.38	<b>0.33</b>
	Green	<b>AG50</b>	Green	<b>43</b>	12	19	21	18	14	0.30	0.28	62	0.29	<b>0.25</b>
	Silver Gray	<b>AG50</b>	CrystalGray	<b>36</b>	15	20	17	18	19	0.30	0.28	64	0.30	<b>0.26</b>
	Light Silver	<b>AG 43</b>	Clear	<b>41</b>	23	24	30	15	33	0.31	0.30	71	0.33	<b>0.29</b>
	Green	<b>AG 43</b>	Green	<b>35</b>	11	15	23	14	14	0.31	0.30	55	0.26	<b>0.23</b>
	Silver Gray	<b>AG 43</b>	CrystalGray	<b>30</b>	13	16	18	14	18	0.31	0.30	58	0.27	<b>0.24</b>
	Royal Blue	<b>Royal Blue 40</b>	Clear	<b>38</b>	21	24	24	18	24	0.31	0.31	76	0.36	<b>0.31</b>
	Blue Green	<b>Royal Blue 40</b>	Green	<b>32</b>	9	15	19	17	12	0.31	0.31	56	0.26	<b>0.23</b>






**Also Available**

6 mm / 12 mm a.s. / 6 mm

	Clear	<b>Ti-AC 40</b>	Clear	<b>68</b>	39	34	10	11	30	0.29	0.28	93	0.45	<b>0.39</b>
	Clear	<b>Comfort E2</b>	Clear	<b>74</b>	38	54	14	16	13	0.34	0.34	148	0.72	<b>0.63</b>
	Clear	<b>Sungate 500</b>	Clear	<b>74</b>	42	54	16	17	14	0.35	0.35	147	0.71	<b>0.62</b>

**Residential Low-E**

3 mm / 12 mm a.s. / 3 mm

	Clear	<b>RLE 71/38</b>	Clear	<b>71</b>	24	36	10	12	37	0.29	0.27	94	0.45	<b>0.39</b>
	Clear	<b>RLE 70/36</b>	Clear	<b>70</b>	30	34	11	13	40	0.29	0.28	88	0.42	<b>0.37</b>
	Clear	<b>RLE 55/27</b>	Clear	<b>55</b>	18	24	12	17	37	0.29	0.27	68	0.32	<b>0.28</b>
	Clear	<b>Comfort E2 (3)</b>	Clear	<b>76</b>	45	61	16	15	16	0.35	0.35	174	0.84	<b>0.73</b>
	Clear	<b>Sungate 500</b>	Clear	<b>76</b>	49	62	17	18	15	0.35	0.35	159	0.77	<b>0.67</b>

Guardian, AGC and PPG reserve the right to change product performance characteristics without notice or obligation.

Tucson, AZ - 520.629.0268

Albuquerque, NM - 505.831.6224

Boise, ID - 208.389.1080

Phoenix, AZ - 602.272.1544

Salt Lake City, UT - 801.467.3136



El Paso, TX - 575.589.4970

Denver, CO - 303.399.8587

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