

# GUARDIAN HIGH PERFORMANCE COATED GLASS

## PRODUCT-INFORMATION

### COATING ON GUARDIAN EXTRACLEAR™

CLIMAGUARD™											
Product	Visible Light			Solar Energy			Solar Factor (g)		Shad. Coeff.	U Value (EN 673)	
	Transmission	Reflection outside	Reflection inside	Direct Transmission	Reflection outside	Absorp.	EN 410	DIN 67 507		Air	Argon
	%	%	%	%	%	%	%	%	g DIN /0,87	W/m²K	W/m²K
Double Glazing 4-16-4, Coating on surface #3											
<b>ClimaGuard™ D</b>	<b>73</b>	<b>13</b>	<b>13</b>	<b>57</b>	<b>22</b>	<b>21</b>	<b>70</b>	<b>68</b>	<b>0,78</b>	<b>1,6</b>	<b>1,4</b>
<b>ClimaGuard™ N</b>	<b>80</b>	<b>12</b>	<b>11</b>	<b>57</b>	<b>25</b>	<b>18</b>	<b>66</b>	<b>63</b>	<b>0,72</b>	<b>1,4</b>	<b>1,2</b>
<b>ClimaGuard™ NL</b>	<b>78</b>	<b>13</b>	<b>13</b>	<b>56</b>	<b>27</b>	<b>17</b>	<b>65</b>	<b>62</b>	<b>0,71</b>	<b>1,4</b>	<b>1,2</b>
<b>ClimaGuard™ Premium</b>	<b>80</b>	<b>12</b>	<b>12</b>	<b>54</b>	<b>28</b>	<b>17</b>	<b>63</b>	<b>61</b>	<b>0,70</b>	<b>1,4</b>	<b>1,1</b>

SUN-GUARD® SOLAR											
Product	Visible Light			Solar Energy			Solar Factor (g)		Shad. Coeff.	U Value (EN 673)	
	Transmission	Reflection outside	Reflection inside	Direct Transmission	Reflection outside	Absorp.	EN 410	DIN 67 507		Air	Argon
	%	%	%	%	%	%	%	%	g DIN /0,87	W/m²K	W/m²K
Double Glazing 6-16-4, SUN-GUARD® Solar on surface #2, ClimaGuard™ N on surface #3											
<b>Neutral 67</b>	<b>59</b>	<b>19</b>	<b>17</b>	<b>40</b>	<b>21</b>	<b>39</b>	<b>48</b>	<b>47</b>	<b>0,54</b>	<b>1,4</b>	<b>1,2</b>
<b>Light Blue 52</b>	<b>45</b>	<b>14</b>	<b>13</b>	<b>30</b>	<b>15</b>	<b>55</b>	<b>36</b>	<b>36</b>	<b>0,41</b>	<b>1,4</b>	<b>1,2</b>
<b>Silver Grey 32</b>	<b>28</b>	<b>22</b>	<b>17</b>	<b>19</b>	<b>20</b>	<b>61</b>	<b>24</b>	<b>23</b>	<b>0,26</b>	<b>1,4</b>	<b>1,2</b>
<b>Pewter 30</b>	<b>26</b>	<b>21</b>	<b>19</b>	<b>17</b>	<b>20</b>	<b>63</b>	<b>23</b>	<b>22</b>	<b>0,25</b>	<b>1,4</b>	<b>1,2</b>
<b>Royal Blue 20</b>	<b>19</b>	<b>18</b>	<b>30</b>	<b>13</b>	<b>19</b>	<b>68</b>	<b>19</b>	<b>18</b>	<b>0,21</b>	<b>1,4</b>	<b>1,2</b>
<b>Silver 20</b>	<b>19</b>	<b>34</b>	<b>20</b>	<b>13</b>	<b>33</b>	<b>54</b>	<b>17</b>	<b>17</b>	<b>0,20</b>	<b>1,4</b>	<b>1,2</b>
<b>Silver 10</b>	<b>9</b>	<b>44</b>	<b>31</b>	<b>6</b>	<b>41</b>	<b>53</b>	<b>10</b>	<b>9</b>	<b>0,10</b>	<b>1,4</b>	<b>1,2</b>

SUN-GUARD® HIGH PERFORMANCE											
Product	Visible Light			Solar Energy			Solar Factor (g)		Shad. Coeff.	U Value (EN 673)	
	Transmission	Reflection outside	Reflection inside	Direct Transmission	Reflection outside	Absorp.	EN 410	DIN 67 507		Air	Argon
	%	%	%	%	%	%	%	%	g DIN /0,87	W/m²K	W/m²K
Double Glazing 6-16-4, SUN-GUARD® High Performance on surface #2											
<b>Light Blue 63</b>	<b>62</b>	<b>16</b>	<b>11</b>	<b>48</b>	<b>17</b>	<b>35</b>	<b>52</b>	<b>50</b>	<b>0,57</b>	<b>1,7</b>	<b>1,5</b>
<b>Neutral 61</b>	<b>61</b>	<b>23</b>	<b>16</b>	<b>39</b>	<b>31</b>	<b>30</b>	<b>42</b>	<b>40</b>	<b>0,46</b>	<b>1,4</b>	<b>1,2</b>
<b>Neutral 50</b>	<b>52</b>	<b>18</b>	<b>10</b>	<b>38</b>	<b>21</b>	<b>41</b>	<b>41</b>	<b>40</b>	<b>0,46</b>	<b>1,6</b>	<b>1,4</b>
<b>Silver 43</b>	<b>43</b>	<b>32</b>	<b>13</b>	<b>29</b>	<b>36</b>	<b>35</b>	<b>31</b>	<b>30</b>	<b>0,34</b>	<b>1,4</b>	<b>1,2</b>
<b>Neutral 40</b>	<b>41</b>	<b>22</b>	<b>12</b>	<b>29</b>	<b>24</b>	<b>47</b>	<b>33</b>	<b>32</b>	<b>0,37</b>	<b>1,6</b>	<b>1,4</b>
<b>Royal Blue 40</b>	<b>38</b>	<b>26</b>	<b>16</b>	<b>27</b>	<b>26</b>	<b>47</b>	<b>31</b>	<b>30</b>	<b>0,34</b>	<b>1,5</b>	<b>1,3</b>

SUN-GUARD® HIGH SELECTIVE											
Product	Visible Light			Solar Energy			Solar Factor (g)		Shad. Coeff.	U Value (EN 673)	
	Transmission	Reflection outside	Reflection inside	Direct Transmission	Reflection outside	Absorp.	EN 410	DIN 67 507		Air	Argon
	%	%	%	%	%	%	%	%	g DIN /0,87	W/m²K	W/m²K
Double Glazing 6-16-4, SUN-GUARD® High Selective on surface #2											
<b>Super Neutral 70</b>	<b>70</b>	<b>11</b>	<b>11</b>	<b>39</b>	<b>34</b>	<b>27</b>	<b>41</b>	<b>38</b>	<b>0,44</b>	<b>1,4</b>	<b>1,1</b>
<b>Super Neutral 62</b>	<b>62</b>	<b>15</b>	<b>18</b>	<b>32</b>	<b>37</b>	<b>31</b>	<b>34</b>	<b>32</b>	<b>0,37</b>	<b>1,3</b>	<b>1,1</b>
<b>Super Neutral 51</b>	<b>51</b>	<b>13</b>	<b>23</b>	<b>26</b>	<b>37</b>	<b>37</b>	<b>28</b>	<b>26</b>	<b>0,30</b>	<b>1,3</b>	<b>1,1</b>
<b>Super Neutral 40</b>	<b>40</b>	<b>16</b>	<b>32</b>	<b>21</b>	<b>36</b>	<b>43</b>	<b>24</b>	<b>22</b>	<b>0,25</b>	<b>1,3</b>	<b>1,1</b>

Note:  
All values subject to product tolerances and are without any guarantee.



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