

Determination of SILVERSTAR glazing characteristics

Version information:
 Program 3.10
 Database 3.52
 Output format 3.21

The following characteristics are calculated with the program SILVERSTAR glaCE.

Project:

Company: Interglas

Employee: LA

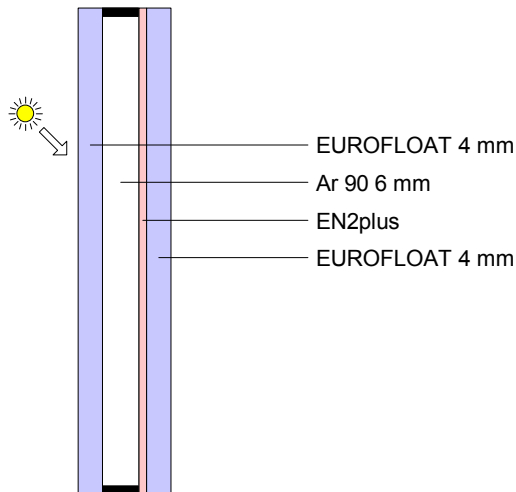
Customer:

Product: 4EF4SEN2P

Date: 14.10.2020


Glazing:

Window tilt angle: 90 °



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	2.0072 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	63.580 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	7.386 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2834		
Shading coefficient (solar factor g / 0.87):	73.080 %		
Shading coefficient (solar factor g / 0.8):	79.474 %		

The values given are only indicative and subject to change without notice.
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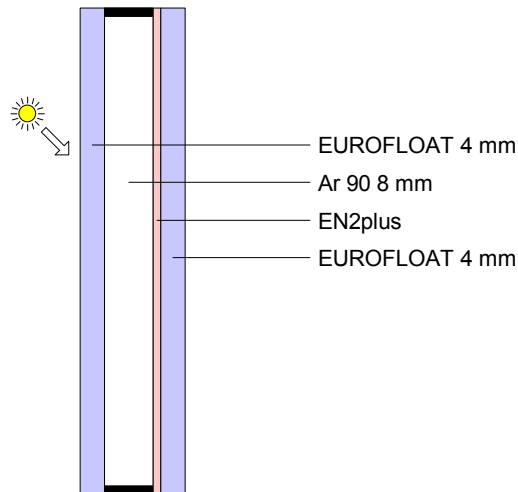
Customer:

Product: 4EF4SEN2P

Date: 14.10.2020


Glazing:

Window tilt angle: 90 °



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.6752 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	63.846 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	7.653 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2780		
Shading coefficient (solar factor g / 0.87):	73.386 %		
Shading coefficient (solar factor g / 0.8):	79.807 %		

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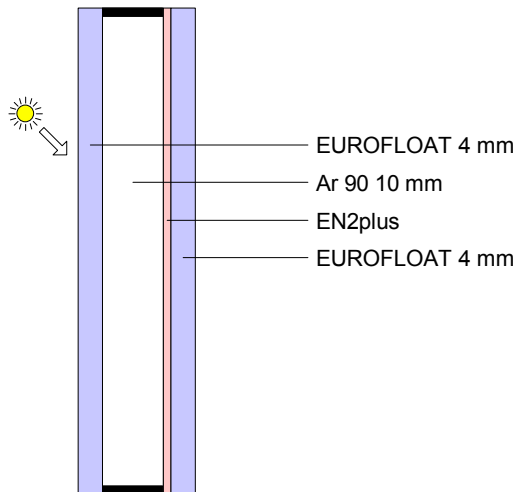
Customer:

Product: 4EF4SEN2P

Date: 14.10.2020


Glazing:

Window tilt angle: 90°



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.4451 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	64.031 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	7.837 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2743		
Shading coefficient (solar factor g / 0.87):	73.598 %		
Shading coefficient (solar factor g / 0.8):	80.038 %		

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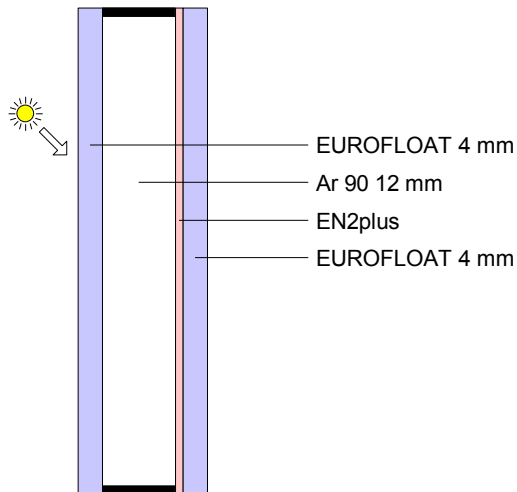
Customer:

Product: 4EF4SEN2P

Date: 14.10.2020


Glazing:

Window tilt angle: 90 °



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.2761 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	64.166 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	7.973 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2716		
Shading coefficient (solar factor g / 0.87):	73.754 %		
Shading coefficient (solar factor g / 0.8):	80.208 %		

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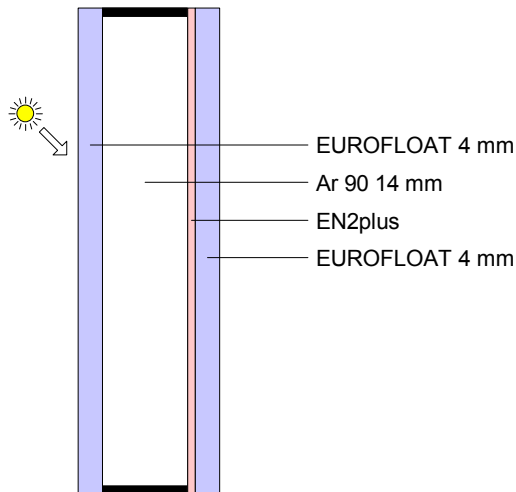
Customer:

Product: 4EF4SEN2P

Date: 14.10.2020


Glazing:

Window tilt angle: 90 °



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.1468 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	64.270 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	8.077 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2696		
Shading coefficient (solar factor g / 0.87):	73.874 %		
Shading coefficient (solar factor g / 0.8):	80.337 %		

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Employee: LA

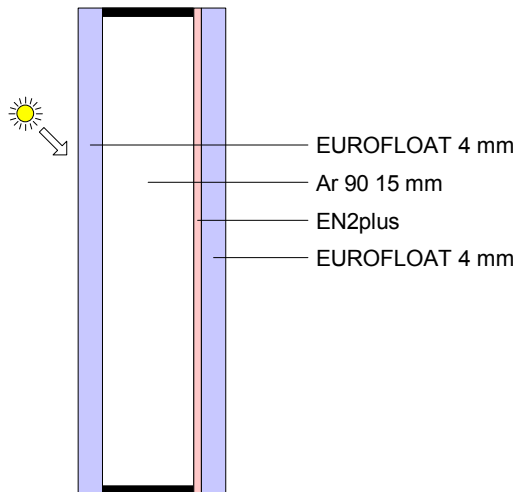
Customer:

Product: 4EF4SEN2P

Date: 27.10.2020


Glazing:

Window tilt angle: 90 °



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.1127 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	64.297 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	8.104 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2690		
Shading coefficient (solar factor g / 0.87):	73.905 %		
Shading coefficient (solar factor g / 0.8):	80.372 %		

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Employee: LA

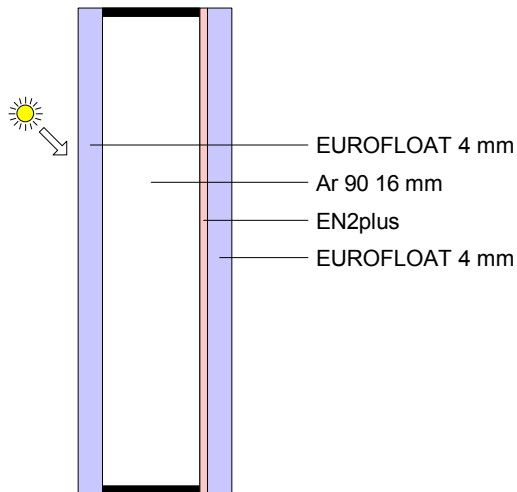
Customer:

Product: 4EF4SEN2P

Date: 14.10.2020


Glazing:

Window tilt angle: 90°



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.1198 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	64.292 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	8.099 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2692		
Shading coefficient (solar factor g / 0.87):	73.898 %		
Shading coefficient (solar factor g / 0.8):	80.365 %		

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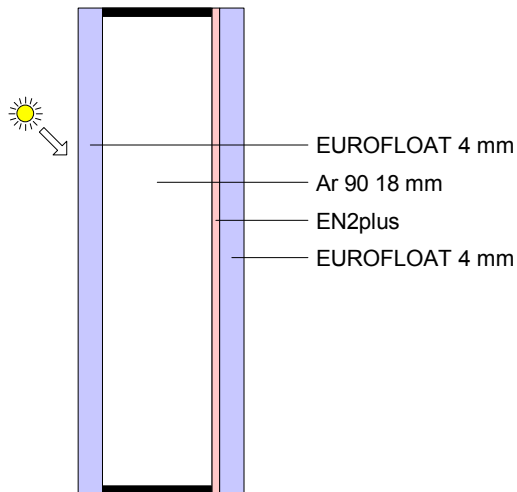
Customer:

Product: 4EF4SEN2P

Date: 14.10.2020


Glazing:

Window tilt angle: 90 °



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.1327 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	64.281 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	8.088 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2694		
Shading coefficient (solar factor g / 0.87):	73.887 %		
Shading coefficient (solar factor g / 0.8):	80.352 %		

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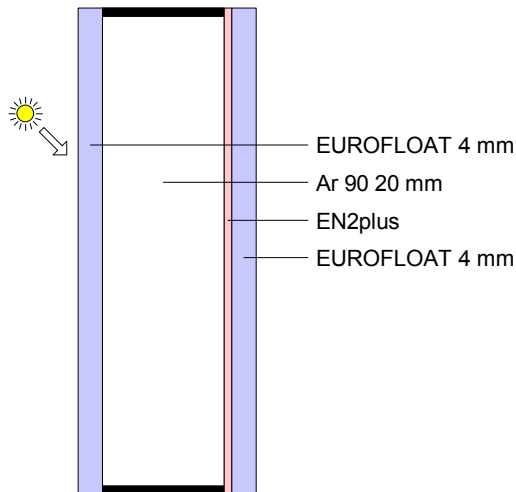
Customer:

Product: 4EF4SEN2P

Date: 14.10.2020


Glazing:

Window tilt angle: 90 °



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.1444 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	64.272 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	8.079 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2695		
Shading coefficient (solar factor g / 0.87):	73.876 %		
Shading coefficient (solar factor g / 0.8):	80.340 %		

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Employee: LA

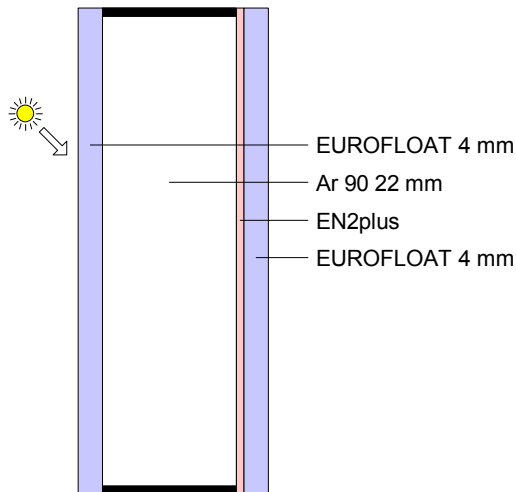
Customer:

Product: 4EF4SEN2P

Date: 14.10.2020


Glazing:

Window tilt angle: 90 °



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.1551 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	64.263 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	8.070 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2697		
Shading coefficient (solar factor g / 0.87):	73.866 %		
Shading coefficient (solar factor g / 0.8):	80.329 %		

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Employee: LA

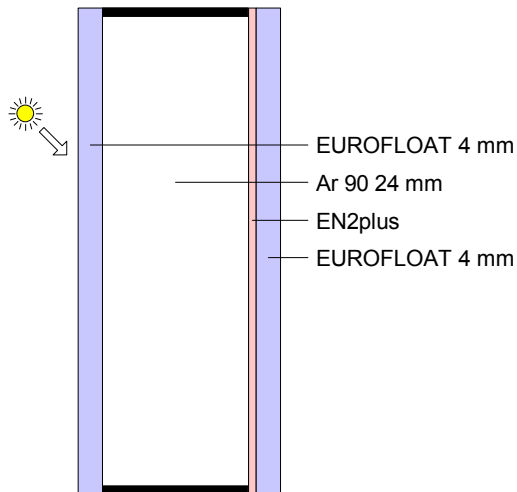
Customer:

Product: 4EF4SEN2P

Date: 14.10.2020


Glazing:

Window tilt angle: 90°



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.1649 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	64.255 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	8.062 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2699		
Shading coefficient (solar factor g / 0.87):	73.857 %		
Shading coefficient (solar factor g / 0.8):	80.319 %		

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Employee: LA

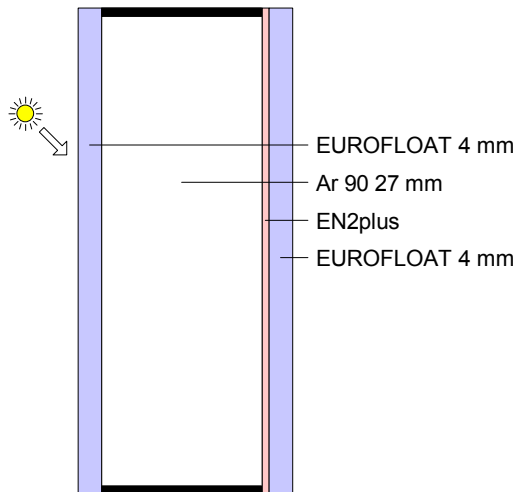
Customer:

Product: 4EF4SEN2P

Date: 27.10.2020


Glazing:

Window tilt angle: 90 °



Comments:

Calculated glazing characteristics:

Thermal transmittance Ug:	1.1784 W/m ² K	EN 673:2011	
Total solar energy transmittance (solar factor g):	64.245 %	EN 410:2011	
Light transmittance:	81.596 %		
Light reflectance (outside):	11.899 %		
Light reflectance (inside):	11.540 %		
Light absorptance:	6.505 %		
Solar direct transmittance:	56.193 %		
Solar direct reflectance (outside):	25.659 %		
Solar direct absorptance:	18.148 %		
Secondary internal heat transfer factor:	8.051 %		
UV-Transmittance:	29.951 %		
UV-Reflectance:	17.480 %		
UV-Absorptance:	52.570 %		
General colour rendering index (transmission):	97.728		
Selectivity (light transmittance / solar factor g):	1.2701		
Shading coefficient (solar factor g / 0.87):	73.844 %		
Shading coefficient (solar factor g / 0.8):	80.306 %		

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