Layer assembly (external to internal)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Float ExtraClear</td>
<td>8,00</td>
</tr>
<tr>
<td>2</td>
<td>90% Argon</td>
<td>18,00</td>
</tr>
<tr>
<td>3</td>
<td>ClimaGuard Premium2 (εn=3%)</td>
<td>8,00</td>
</tr>
<tr>
<td>4</td>
<td>Float ExtraClear</td>
<td>34,00</td>
</tr>
</tbody>
</table>

Rw (C;Ctr) dB = npd

Transmittance, reflectance, absorption

\[
\rho_V = 0,1200 \quad (\text{external light reflectance})
\]

\[
\rho_V' = 0,1224 \quad (\text{internal light reflectance})
\]

\[
\rho_e = 0,2449 \quad (\text{external solar direct reflectance})
\]

\[
\rho_e' = 0,2449 \quad (\text{internal solar direct reflectance})
\]

\[
\alpha_e = 1 = 0,1357; 3 = 0,0833 \quad (\text{solar direct absorptance})
\]

EN 410

\[
\mathrm{SC} = 0,7049 \quad (\text{Shading Coefficient, g/0,87})
\]

b-Factor = 0,7666 (VDI 2078, g/0,80)

EN 673

Installation angle = 90° vertical

EN 13363-2

\[
T_e = 5,00 \, ^\circ \text{C} \quad T_i = 20,00 \, ^\circ \text{C}
\]

\[
g_{th} = 0,0446 \quad (\text{thermal radiation factor})
\]

\[
g_c = 0,0335 \quad (\text{convection factor})
\]

\[
g_v = 0,0000 \quad (\text{ventilation factor})
\]

Variations of the light and radiation characteristics are possible caused by the chemical composition of glass and the production process. The specified values consider accredited tolerances of the finished product, the basic glass and the coating in accordance to the respective product standards. The result is no information about the technical feasibility.

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