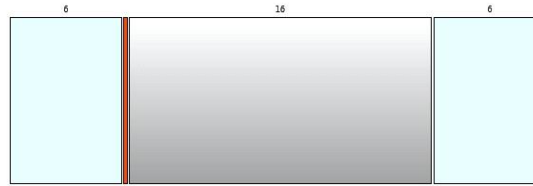


Product code

70 / 37 / 1.0



total thickness = 28 mm

Glazing from external to internal:

| | |
|---|---|
| <p>Pane 1</p> <p>6 mm Float Glass ExtraClear SunGuard SN 70/37</p> | <p>Pane 2</p> <p>6 mm Float Glass ExtraClear</p> |
| <p>Spacer 1 - 16 mm</p> <p>10% Air 90% Argon</p> | |

Results

Visible light (EN 410 - 2011)

| | |
|------------------------------------|--------------------|
| transmittance [%] | $\tau_v = 69.8$ |
| reflectance external [%] | $\rho_v = 11.2$ |
| reflectance internal [%] | $\rho_{vi} = 12.1$ |
| general colour rendering index [%] | $R_a = 92.9$ |

Thermal properties (EN 673 - 2011)

| | |
|--------------------------------|-------------|
| U-value [W/(m ² K)] | $U_g = 1.0$ |
| slope $\alpha = 90^\circ$ | |

Solar energy (EN 410 - 2011)

| | |
|---|--------------------|
| solar factor [%] | $g = 36.6$ |
| shading coefficient [g/0.87] | $sc = 0.42$ |
| direct transmittance [%] | $\tau_{de} = 34.4$ |
| direct reflectance external [%] | $\rho_{de} = 38.7$ |
| direct reflectance internal [%] | $\rho_{di} = 38.9$ |
| direct absorption [%] | $a = 26.9$ |
| UV transmittance [%] | $\tau_{uv} = 10.3$ |
| secondary internal heat transfer factor [%] | $q_i = 2.2$ |

Other data

| | |
|--------------------------------------|-----------------------|
| estimated sound reduction index [dB] | $R_w = \text{NPD}$ |
| (EN 717-1) | $C = \text{NPD}$ |
| | $C_{tr} = \text{NPD}$ |

The calculated values are for orientation only and do not offer any guarantee regarding the fabrication of the un-intended end-product. Glass configurations do not amount to a guarantee of product availability.