Calumen® II 1.3.3
19 August 2016
Data base : SGG UK

Glazing design

Sound transmission loss

Acoustics simulated values:

Rw(C;Ctr) = 33(-2;-5) dB

Manufacturing sizes

Nominal thickness: 28.0 mm
Weight: 25.0 kg/m²

Luminous factors (EN410-2011) : (D65 2°)

Transmittance: 69%
Outdoor reflectance: 11%
Indoor reflectance: 13%

Energy factors (EN410-2011):

Transmittance: 39%
Outdoor reflectance: 30%
Indoor reflectance: 35%
Absorptance A1: 30%
Absorptance A2: 1%

Solar factors (EN410-2011):

g: 0.41
Shading coefficient: 0.47

Thermal transmission (EN673-2011) - 0° related to vertical position

Ug: 1.1 W/(m².K)

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Calumen® II is a simulation software to calculate key performance of glass such as light transmission, solar factor or thermal insulation coefficient. Computed values are indicative and subject to change. They can not be used to guarantee performance of the products.

Computed values with NFRC-2010 standards are indicative. Please use NFRC certified software for certified values.