





| Pane 1 | PLANICLEAR (4 mm) | |
|----------|--|--|
| Cavity 1 | KRYPTON (92%) / AIR (8%) / 12 mm | |
| Pane 2 | PLANITHERM ONE II PLANICLEAR (4 mm) | |
| Cavity 2 | KRYPTON (92%) / AIR (8%) / 12 mm | |
| Pane 3 | PLANITHERM ONE II PLANICLEAR (4 mm) | |

4MM CLEAR - 12MM KRYPTON FILLED CAVITY - 4MM PLANITHERM ONE - 12MM KRYPTON FILLED CAVITY - 4MM PLANITHERM ONE

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| <u>`</u> `` | LUMINOUS FACTORS | CIE (15-2004) | |
|-------------------|--|-----------------|--|
| | Light transmission (TL %) | 56.8 % | |
| | Outdoor reflection (RLe %) | 30.7 % | |
| | Indoor (RLi %) | 32.3 % | |
| -0- | SOLAR FACTORS | EN410 (2011-04) | |
| 11 | Solar factor (g) | 0.4123 | |
| | Shading Coefficient (SC) | 0.4739 | |
| | COLOR RENDERING | CIE (15-2004) | |
| VI | Transmission (Ra) | 96.0 | |
| | Reflection (Ra) | 94.6 | |
| $\mathbf{\frown}$ | BURGLAR RESIST | EN356 | |
| • | Result : | NPD | |
| | CARBON FOOTPRINT | EN15804+A2 | |
| | | | |
| | Global warming potential 'GWP' 51 Kg(CO2)/m ² | | |

(A1-A3)

| Д | ENERGY FACTORS | EN410 (2011-04) |
|----------------|---------------------------------|--------------------------|
| \overline{V} | Transmission (Te) | 32.8 % |
| | Reflection (Ree) | 46.2 % |
| | Indoor (Rei) | 45 % |
| | Absorption (AE1) | 7.8 % |
| | Absorption (AE2) | 9.2 % |
| | Absorption (AE3) | 4.1 % |
| <u>ທ</u> = | THERMAL | EN673 (2011-04) |
| | TRANSMISSION | |
| Ŭ | | o 100 m// 01/ |
| | Ug | 0.423 W/m².K |
| | 0° related to vertical position | |
| E | MANUFACTURING | |
| | | |
| E | SIZES | |
| | Nominal thickness | 36.0 mm |
| | Weight | 30.0 kg/m² |
| | PENDULUM | EN12600 |
| | | |
| | RESISTANCE | |
| | Result : | NPD |
| | ACOUSTICS | EN12758 |
| マツ | Acoustic values according to | Rw(C;Ctr) = 33(-2;-5) dB |
| | EN 12758 and from notified | (0,01.) 00(2,0) 00 |

N/A

N/A

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international standard ISO9050, the Japanese standard JIS R 3106/3107 and the Korean standard KS L 2514/2525. The functional output and calculation rules of Calumen for standards EN 410 and EN 673 have international standard ISO9050, the Japanese standard JIS R 3106/310/ and the Korean standard KS L 2514/2525. The functional output and calculation rules of Calumen for standards EN 410 and EN 6/3 hav been validated by TÜV Rheinland (report 89212153-01). The technical performances obtained according to these standards are provided for information only and are subject to amendment. Only the values entered in the performance declaration available on the CE marking site of Saint-Gobain Glass are official. The sound attenuation indices are measured under laboratory conditions according to the standards EN ISO 10140 and EN 12758. The calculated indices are provided for information only. The accuracy for Rw index lies within a range of +/-2dB. The glass thickness calculations comply with the 2012 version of the DTU39-P4 description. The USER is responsible for ensuring that the correct calculation hypotheses are entered and the DTU39 is applied appropriately for the project concerned.

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body -

OITC (ASTM E1332)

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STC (ASTM E413)

: the European standards EN 410 and EN 673, the