

Declaration of Performance

DOP No. 001/CPR/04-07-2013


1. Building product type: **Laminated glass 44.6**
2. Product identification: GLP-3106-LA446
3. Harmonised standard: EN 14449 : 2005 + AC : 2005
4. Intended use: Laminated soda lime silicate safety glass
Intended for use in residential and commercial buildings where there may be safety requirements in connection with use.
5. Manufacturer: Glaseksperten A/S
Sprogøvej 13
DK-9800 Hjørring

6. Declared performance

| Characteristics | AVCP system | Performance | Harmonised technical specification EN 14449 |
|--|-------------|-------------|---|
| Safety in case of fire | | | |
| Fire resistance EN 13501-2 | 1 | NPD | 4.2, 4.3.1 and 4.3.2.1 |
| Reaction in case of fire EN 13501-1 | 3.4 | NPD | 4.2, 4.3.1 and 4.3.2.2 |
| External fire properties | 3.4 | NPD | 4.2, 4.3.1 and 4.3.2.3 |
| Bulletproof or explosion-proof glass | | | |
| Bullet resistance EN 1063 | 1 | NPD | 4.2, 4.3.1 and 4.3.2.4 |
| Explosion resistance EN 13541 | 1 | NPD | 4.2, 4.3.1 and 4.3.2.5 |
| Safety in connection with use | | | |
| Break-in resistance EN 356 | 3 | P5A | 4.2, 4.3.1 and 4.3.2.6 |
| Pendulum test EN 12600:2002 | 3 | 1B1 | 4.2, 4.3.1 and 4.3.2.7 |
| Resistance to sudden temperature changes and differences K | 4 | 40 | 4.2, 4.3.1 and 4.3.2.8 |
| Wind, snow, permanent and placed load resistance mm | 4 | 12 | 4.2, 4.3.1 and 4.3.2.9 |
| Protection against noise | | | |
| Direct air-borne noise reduction EN12758 Rw | 3 | 35(-1,-3) | 4.2, 4.3.1 and 4.3.2.10 |
| Thermal properties | | | |
| Emission factor EN 12898 | 3 | 0.89 | 4.2, 4.3.1 and 4.3.2.11 |
| U value EN 673 W/m ² K | 3 | 5.3 | 4.2, 4.3.1 and 4.3.2.11 |
| Radiation properties | | | |
| Light transmission EN 410 % | 3 | 86 | 4.2, 4.3.1 and 4.3.2.12 |
| Light reflection EN 410 % | 3 | 8 | 4.2, 4.3.1 and 4.3.2.12 |
| Solar energy characteristics | | | |
| Solar energy transmission EN 410 % | 3 | 69 | 4.2, 4.3.1 and 4.3.2.13 |
| Solar reflection EN 410 % | 3 | 7 | 4.2, 4.3.1 and 4.3.2.13 |
| Solar factor % | 3 | 0.74 | 4.2, 4.3.1 and 4.3.2.13 |
| Hazardous substances | | | |
| | 3 | no | |

NPD: Irrelevant

The performance of the delivered product is compliant with the declared performance above. The manufacturer bears sole responsibility for the issuance of this declaration of performance.

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| MD Christian Larsen | Hjørring, 15 June 2013 |  |
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In case of doubt, the Danish language version shall prevail.