

Declaration of Performance

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

1. Building product type: **5mm hardened clear float glass**
2. Product identification: GLP-3106-H/Æ5
3. Harmonised standard: EN 12150-2:2004
4. Intended use: Thermally hardened 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. Notified certification body: Danish Technological Institute, notification No. 1235
EN 12150-2:2004 pendulum test – for AVCP system 3
ON 170747 IF(5)

7. Declared performance

| Characteristics | AVCP system | Performance | Harmonised technical specification |
|--|-------------|-------------|------------------------------------|
| Safety in case of fire | | | |
| Fire resistance (EN 13501-2) | 1 | NPD | 4.3.2.1 EN 12150-2:2004 |
| Reaction in case of fire (EN13501-1) | 4 | A1 | 4.3.2.2 EN 12150-2:2004 |
| External fire properties | 4 | NPD | 4.3.2.3 EN 12150-2:2004 |
| Bulletproof or explosion-proof glass | | | |
| Bullet resistance (EN 1063) | 1 | NPD | 4.3.2.4 EN 12150-2:2004 |
| Explosion resistance (EN13541) | 1 | NPD | 4.3.2.5 EN 12150-2:2004 |
| Safety in connection with use | | | |
| Break-in resistance (EN 356) | 3 | NPD | 4.3.2.6 EN 12150-2:2004 |
| Pendulum test (EN 12600:2002) | 3 | 1C1 | 4.3.2.7 EN 12150-2:2004 |
| Resistance to sudden temperature changes and differences | 4 | 200K | 4.3.2.8 EN 12150-2:2004 |
| Wind, snow, permanent and placed load resistance | 4 | NPD | 4.3.2.9 EN 12150-2:2004 |
| Protection against noise | | | |
| Direct air-borne noise reduction (EN 12758) | 3 | 30 | 4.3.2.10 EN 12150-2:2004 |
| Thermal properties | | | |
| Emission factor (EN 12898) | 3 | 0.89 | 4.3.2.11 EN 12150-2:2004 |
| U value (W/m ² K) (EN 673) | 3 | 5.8 | 4.3.2.11 EN 12150-2:2004 |
| Radiation properties | | | |
| Light transmission (EN 410) | 3 | 0.89 | 4.3.2.12 EN 12150-2:2004 |
| Light reflection (EN 410) | 3 | 0.08/0.08 | 4.3.2.12 EN 12150-2:2004 |
| Solar energy characteristics | | | |
| Solar energy transmission (EN 410) | 3 | 0.83 | 4.3.2.12 EN 12150-2:2004 |
| Solar reflection (EN 410) | 3 | 0.07/0.07 | 4.3.2.12 EN 12150-2:2004 |
| Solar factor (EN 410) | 3 | 0.85 | 4.3.2.12 EN 12150-2:2004 |
| 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.