

# Declaration of Performance

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

1. Building product type: **4mm hardened clear float glass**
2. Product identification: GLP-3106-HÆ4
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 FF(4)

## 7. Declared performance

Characteristics	AVCP system	Performance	Harmonised technical specification
<b>Safety in case of fire</b>			
Fire resistance (EN 13501-2)	1	NPD	4.3.2.1 EN 12150-2:2004
Reaction in case of fire (EN 13501-1)	4	A1	4.3.2.2 EN 12150-2:2004
External fire properties	4	NPD	4.3.2.3 EN 12150-2:2004
<b>Bulletproof or explosion-proof glass</b>			
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
<b>Safety in connection with use</b>			
Break-in resistance (EN356)	3	NPD	4.3.2.6 EN 12150-2:2004
Pendulum test (EN 12600:2002)	3	1C2	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
<b>Protection against noise</b>			
Direct air-borne noise reduction (EN12758)	3	30	4.3.2.10 EN 12150-2:2004
<b>Thermal properties</b>			
Emission factor (EN12898)	3	0.89	4.3.2.11 EN 12150-2:2004
U value (W/m <sup>2</sup> K) (EN 673)	3	5.8	4.3.2.11 EN 12150-2:2004
<b>Radiation properties</b>			
Light transmission (EN410)	3	0.90	4.3.2.12 EN 12150-2:2004
Light reflection (EN410)	3	0.08/0.08	4.3.2.12 EN 12150-2:2004
<b>Solar energy characteristics</b>			
Solar energy transmission (EN410)	3	0.84	4.3.2.12 EN 12150-2:2004
Solar reflection (EN410)	3	0.08/0.08	4.3.2.12 EN 12150-2:2004
Solar factor (EN410)	3	0.86	4.3.2.12 EN 12150-2:2004
<b>Hazardous substances</b>			
	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.

MD Christian Larsen		Hjørring, 15 June 2013
------------------------	---	------------------------

In case of doubt, the Danish language version shall prevail.