

# Declaration of Performance

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


1. Building product type: **Laminated hardened glass 44.2**
2. Product identification: GLP-3106-LAH442
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
<b>Safety in case of fire</b>			
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
<b>Bulletproof or explosion-proof glass</b>			
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
<b>Safety in connection with use</b>			
Break-in resistance EN 356	3	NPD	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	100	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
<b>Protection against noise</b>			
Direct air-borne noise reduction EN12758 Rw	3	35(-1,-3)	4.2, 4.3.1 and 4.3.2.10
<b>Thermal properties</b>			
Emission factor EN 12898	3	0.89	4.2, 4.3.1 and 4.3.2.11
U value EN 673 W/m <sup>2</sup> K	3	5.6	4.2, 4.3.1 and 4.3.2.11
<b>Radiation properties</b>			
Light transmission EN 410 %	3	87	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
<b>Solar energy characteristics</b>			
Solar energy transmission EN 410 %	3	73	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	0.76	4.2, 4.3.1 and 4.3.2.13
<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	
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In case of doubt, the Danish language version shall prevail.