

DECLARATION OF PERFORMANCE No. 004

1. Unique identification code of the product-type (area code 22 according to CPR, Annex IV)

Cantilevered horizontal glazing / structural glass canopy **CANOPY CLOUD**

2. Intended use or uses

The product **CANOPY CLOUD** is used as structural glass canopy, structural glass roof or other horizontal structural glazing. The glazing is not walkable (even for maintenance purposes). The system can be installed inside or outside of buildings, where it can be exposed to adverse weather conditions. An average ambient air temperature should be in the range from -15 °C to 45 °C or according to national assessment for individual system components if apply.

3. Manufacturer

CANOPY CLOUD registered trade mark
GLASSLINE GmbH
Industriestrasse 7-8
74740 Adelsheim
Germany

4. System or systems of assessment and verification of constancy of performance

System 1

5.

European Assessment Document EAD 220025-00-0401, issued in April 2016
European Technical Assessment ETA-15/0838 issued on 22.12.2015

Technical Assessment Body

Slovenian National Building and Civil Engineering Institute
Dimiceva ulica 12
1000 Ljubljana
Slovenia

Notified body

Slovenian National Building and Civil Engineering Institute
Dimiceva ulica 12
1000 Ljubljana
Slovenia

Performed initial inspection under system 1 and issued certificate of constancy of performance
No. 1404-CPR-2751

6. Declared performance

Essential characteristics	Performance	Harmonised technical Specifications
Mechanical resistance under surface load	as the relation between canopy overhang-length and the characteristic resistance under surface load see table 1 in annex of this DoP	EAD 220025-00-0401 clause 2.2.3
Safety in case of fire	Metal parts – Class A1 EPDM rubber, POM and PA6 plastics – Class E Laminated safety glass – Class F	EAD 220025-00-0401 clause 2.2.4 EN 13501-1
Hygiene, health and the environment	NPD	
Resistance to the pull-out of pane	Greater than self-weight of glass panes multiplied by 1,5	EAD 220025-00-0401 clause 2.2.1.4
Soft body impact resistance	S ₁ , S ₂ , S ₃ and M were categorised as category SB 300 L, XL and XXL were categorised as SB 1200	EAD 220025-00-0401 clause 2.2.1.5
Hard body impact resistance	safe breakability was determined for canopy types S ₁ , S ₂ , M, L, XL and XXL	EAD 220025-00-0401 clause 2.2.1.6
Residual load capacity of the canopy	S ₁ , S ₂ , M, L, XL and XXL are categorised as Category RL 2 – cantilevered canopy S ₃ is categorised as RL 1 – cantilevered roof	EAD 220025-00-0401, clause 2.2.1.7
Protection against noise	NPD	
Energy economy and heat retention	NPD	
Sustainable use of natural resources	NPD	

The performance of the product identified above is in conformity with the set of declared performance/performances.

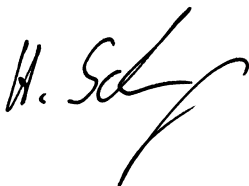
This declaration of performance is issued, in accordance with Regulation (EC) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Helge Schöning, CEO

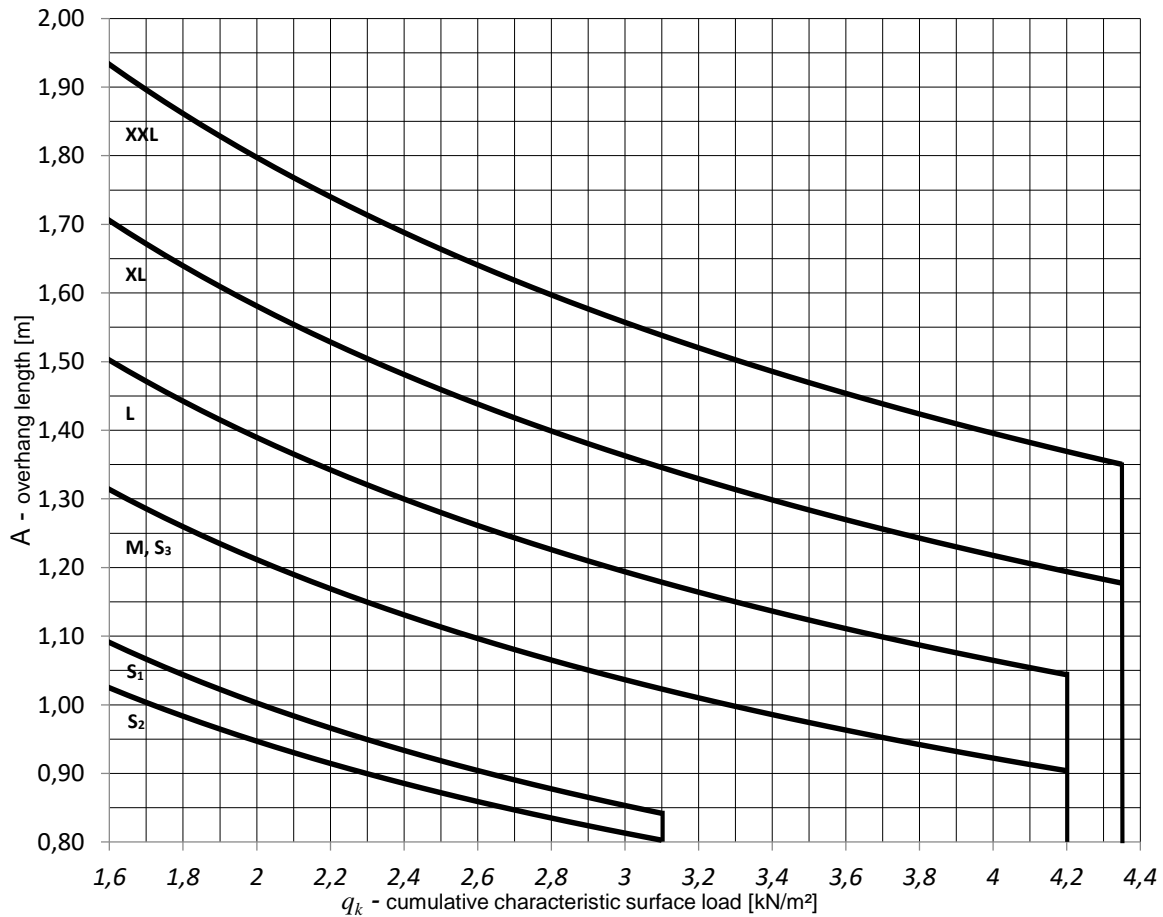
74740 Adelsheim, 01.01.2017

Signature:



ANNEX 1 of the DECLARATION OF PERFORMANCE No. 004

Relation between canopy overhang-length and the characteristic resistance under cumulative characteristic surface load:



Values are valid for material safety factor $\gamma_{M,1} \leq 1,1$ for aluminium and $\gamma_M \leq 1,5$ for glass. Cumulative characteristic surface load is combined according to EN 1990 out of wind and snow loads according to EN 1991-1-3 and -4 and its national provisions.