

vandaglas GmbH
Standort Berlin

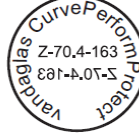
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Zertifiziert nach
 DIN EN ISO 9001:2015



Zertifiziert nach
 DIN EN ISO 50001:2018



DECLARATION OF PERFORMANCE
curved glass units (CurvePerformMono, CurvePerformProtect, CurvePerform DGU / CurvePerform TGU) and SGG CONTOUR CLIMAPLUS, SGG CLIMATOP CONTOUR

- Insulated and/or laminated safety glass units intended to be used in buildings and construction works.

product	relevant standards
insulated glass CurvePerform DGU / TGU and SGG CONTOUR CLIMAPLUS SGG CLIMATOP CONTOUR	EN 1279-1 - EN 1279-6
Laminated safety glass VSG CurvePerformProtect Z-70.4-163 (ABZ)	(with reference to) EN 14449 DIN EN ISO 12543 Impact test (EN 12600) not applicable to curved glass

Performances:

For uses relating to safety in case of fire:

Resistance to fire

NPD

AVCP
 System

1

External fire performance

NPD

3,4

for uses as anti-bullet or anti-explosion glazing

Bullet resistance

NPD

1

Explosion resistance

NPD

1

for uses liable to present "safety-in-use" risks and subject to such regulations

Burglar resistance

NPD

3

Pendulum body impact resistance

NPD

3

Resistance against sudden temperature changes and temperature differentials

40K

4

Wind, snow, permanent and imposed load resistance

NPD

4

for uses relating to noise reduction

Direct airborne sound insulation

NPD

4

for uses relating to energy conservation

Declared emissivity e_d

NPD

3

U-value $W/(m^2.K)$

NPD

3

Light transmittance t_L

NPD

3

Light reflectance r_L / r'_L

NPD

3

Solar direct transmittance t_E

NPD

3

Solar direct reflectance r_E / r'_E

NPD

3

g-value

NPD

3

Durability

pass

3

Hazardous Ingredients: no

NPD : No Performance Determined

Oliver Kröbel
 quality manager

Berlin, den 16.03.2023