



VAK
izolačné a dizajnové sklá

DECLARATION OF PERFORMANCE TOPTHERM PLUS 4E_20_4_20_E4



Product Identifying Code - Type: SGG 4mm PLANICLEAR - SGG 0mm PLANITHERM XN / 20mm Argon 90% / SGG 4mm PLANICLEAR / 20mm Argon 90% / SGG 0mm PLANITHERM XN - SGG 4mm PLANICLEAR

Intended Use: Sklo so zamýšľaným použitím v budovách a stavebných dielach

Manufacturer: VAK - izolačné a dizajnové sklá

Harmonised Standard: EN1279-5:2018

Notified Body: CIS 04/1998

Essential Characteristics

AVCP System

Performance

Safety in case of fire

Resistance to fire (EN 13501-2)	1	NPD
Reaction to fire (EN 13501-1)	3,4	NPD
External fire performance	3,4	NPD

Safety in Use

Bullet resistance (EN 1063)	1	NPD
Explosion resistance (EN 13541)	1	NPD
Burglar resistance (EN356)	3	NPD / NPD / NPD
Pendulum body impact resistance (EN 12600)	3	NPD / NPD / NPD
Resistance against sudden temperature changes and temperature differentials [K]	4	NPD
Resistance against wind, snow, permanent and imposed load [MPa]	4	NPD

Protection against Noise

Direct Airborne sound reduction (EN 12758) R_w (C ; Ctr) [dB]	3	34(-2;-6)
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Thermal properties

Declared emissivity (EN 12898)	3	NPD
Thermal Transmittance (EN 673) U_g value [W/m ² K]	3	0.5

Radiation properties

Light transmittance (EN 410)	3	74
Light reflectance (EN 410)	3	14 / 14

Solar energy characteristics

Solar direct transmittance (EN 410)	3	47
Solar direct reflectance (EN 410)	3	32
Total Solar Energy Transmittance, g-value (EN 410)	3	54

Durability

3 PASS

NPD: No Performance Determined

The performance of the product is in conformity with the declared performances.

This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer:

Name and Position

Marek Vančo

Place and Date of Issue

Jacovce 28/09/2025

 **VAK**
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