



LAMBERTS

DECLARATION OF PERFORMANCE

Wired patterned glass - Basic soda lime silicate glass
Intended to be used in buildings and construction works
EN 572-9:2004

Glasfabrik Lamberts GmbH &
Co.KG
Postfach 560
95632 Wunsiedel

Wired glass: Drahtglas 1/2 Zoll, Drahtglas 1 Zoll

	System	6 mm
Reaction in case of fire:		
Resistance to fire	1	NPD
Reaction to fire	3,4	A1
External fire performance	3,4	NPD
For application as bullet resistant or explosion resistant glazing:		
Bullet resistance	1	NPD
Explosion resistance	1	NPD
Other applications, under the point of view of "safety issues":		
Burglasr resistance	3	NPD
Pendulum body impact resistance	3	NPD
Resistance against sudden temperature changes and temperature differentials [K]	4	40
Wind, snow, permanent and imposed load resistance [mm]	4	6
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	31 (-2;-2)
Application of heat insulation		
Emissivity (EN 12898) [e_d]	3	0,89
U-value (EN 673) [$W/(m^2 \cdot K)$]	3	NPD
Light transmission (EN 410): [$T_v / P_v / P_v'$]	3	NPD
Light reflection [r_v]	3	NPD
Solar energy transmission (EN 410): [$T_e / P_e / P_e'$]	3	NPD
Solar energy reflexion [r_E]	3	NPD
g-value	3	NPD
Durability	3	bestanden

NPD: no performance defined

The performance of the product identified is in conformity with the declared performance above.
This declaration of performance is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer by;

Glasfabrik Lamberts GmbH & Co.KG
Christoph Lamberts, Geschäftsführer

Wunsiedel, den 01.07.2013



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Wired glass: Drahtglas 1/2 Zoll, Drahtglas 1 Zoll

	System	7 mm
Reaction in case of fire:		
Resistance to fire	1	NPD
Reaction to fire	3,4	A1
External fire performance	3,4	NPD
For application as bullet resistant or explosion resistant glazing:		
Bullet resistance	1	NPD
Explosion resistance	1	NPD
Other applications, under the point of view of "safety issues":		
Burglar resistance	3	NPD
Pendulum body impact resistance	3	NPD
Resistance against sudden temperature changes and temperature differentials [K]	4	40
Wind, snow, permanent and imposed load resistance [mm]	4	7
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	32 (-1;-2)
Application of heat insulation		
Emissivity (EN 12898) [e_d]	3	0,89
U-value (EN 673) [$W/(m^2 \cdot K)$]	3	NPD
Light transmission (EN 410): [$T_v / P_v / P_v'$]	3	NPD
Light reflection [r_v]	3	NPD
Solar energy transmission (EN 410): [$T_e / P_e / P_e'$]	3	NPD
Solar energy reflexion [r_E]	3	NPD
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Wired glass: Drahtglas 1/2 Zoll

	System	9 mm
Reaction in case of fire:		
Resistance to fire	1	NPD
Reaction to fire	3,4	A1
External fire performance	3,4	NPD
For application as bullet resistant or explosion resistant glazing:		
Bullet resistance	1	NPD
Explosion resistance	1	NPD
Other applications, under the point of view of "safety issues":		
Burglasr resistance	3	NPD
Pendulum body impact resistance	3	NPD
Resistance against sudden temperature changes and temperature differentials [K]	4	40
Wind, snow, permanent and imposed load resistance [mm]	4	9
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	33 (-1;-2)
Application of heat insulation		
Emissivity (EN 12898) [e_d]	3	0,89
U-value (EN 673) [$W/(m^2 \cdot K)$]	3	NPD
Light transmission (EN 410): [$T_v / P_v / P_v'$]	3	NPD
Light reflection [r_v]	3	NPD
Solar energy transmission (EN 410): [$T_e / P_e / P_e'$]	3	NPD
Solar energy reflexion [r_E]	3	NPD
g-value	3	NPD
Durability	3	bestanden

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Wired patterned glass: Drahtornament D 1/2 Zoll, Drahtornament E 1/2 Zoll, Drahtornament 504 1/2 Zoll

	System	6 mm
Reaction in case of fire:		
Resistance to fire	1	NPD
Reaction to fire	3,4	A1
External fire performance	3,4	NPD
For application as bullet resistant or explosion resistant glazing:		
Bullet resistance	1	NPD
Explosion resistance	1	NPD
Other applications, under the point of view of "safety issues":		
Burglar resistance	3	NPD
Pendulum body impact resistance	3	NPD
Resistance against sudden temperature changes and temperature differentials [K]	4	40
Wind, snow, permanent and imposed load resistance [mm]	4	6
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	31 (-2;-2)
Application of heat insulation		
Emissivity (EN 12898) [e_d]	3	0,89
U-value (EN 673) [$W/(m^2 \cdot K)$]	3	NPD
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Light reflection [r_v]	3	NPD
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Wired patterned glass: Drahtornamentglas Neolit 1/2 Zoll, Drahtornamentglas E 1/2 Zoll, Drahtornamentglas X 187 1/2 Zoll, Drahtornamentglas Z 178 1/2 Zoll, Drahtornament 521 1/2 Zoll, Drahtornament 523 1/2 Zoll, Drahtdifulit 1/2 Zoll

	System	7 mm
Reaction in case of fire:		
Resistance to fire	1	NPD
Reaction to fire	3,4	A1
External fire performance	3,4	NPD
For application as bullet resistant or explosion resistant glazing:		
Bullet resistance	1	NPD
Explosion resistance	1	NPD
Other applications, under the point of view of "safety issues":		
Burglar resistance	3	NPD
Pendulum body impact resistance	3	NPD
Resistance against sudden temperature changes and temperature differentials [K]	4	40
Wind, snow, permanent and imposed load resistance [mm]	4	7
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	32 (-1;-2)
Application of heat insulation		
Emissivity (EN 12898) [e _d]	3	0,89
U-value (EN 673) [W/(m ² .K)]	3	NPD
Light transmission (EN 410): [T _v / P _v / P _v ']	3	NPD
Light reflection [r _v]	3	NPD
Solar energy transmission (EN 410): [T _e / P _e / P _e ']	3	NPD
Solar energy reflexion [r _E]	3	NPD
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