



LAMBERTS

DECLARATION OF PERFORMANCE

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

Patterned glass: Ornament A, Ornament 504, Kathedralglas kleingehämmert, Gartenglas, Ornament S

	System	3 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":		
Burglars 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	3
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	29 (-2;-5)
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
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, General Manager

Wunsiedel, den 01.07.2013



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95632 Wunsiedel

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

Patterned glass: Ornament A, Ornament D, Neolit, Ornament K, Ornament L, Ornament X 187, Ornament Z 178, Ornament 504, Ornament 502, Ornament 520, Ornament 521, Ornament 523, Ornament 528, Ornament 597, Kathedralglas kleingehämmert, Kathedralglas großgehämmert, Barock, Silk, Effekt 2000, Ornament Ice, Spezialornament FR, Ornament MR, Royal King, Royal Flash, Royal Trio, Gartenglas, Ornament S

	System	4 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	4
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	29 (-1;-3)
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 ¹]	3	NPD
Light reflection [r _v]	3	NPD
Solar energy transmission (EN 410): [T _e / P _e / P _e ¹]	3	NPD
Solar energy reflexion [r _E]	3	NPD
g-value	3	NPD
Durability	3	bestanden

NPD: no performance defined

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Wunsiedel, den 01.07.2013



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 Postfach 560
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Patterned glass: Rohglas, Ornament B, Ornament 504, Ornament MR, Gartenglas, Ornament S

	System	5 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	5
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	30 (-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

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95632 Wunsiedel

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

Patterned glass: Rohglas, Ornament A, Ornament 504, Ornament Z, Barock, 504/504 doppelseitig, Prismsolar, Spezialornament FR, Ornament MR, Royal King, Royal Flash, Royal Trio, Ornament S

	System	6mm
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

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Patterned glass:Rohglas

	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
g-value	3	NPD
Durability	3	bestanden

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Patterned glass - Basic soda lime silicate glass
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Patterned glass: Rohglas, Ornament A, Ornament 504, Ornament Z, Barock, 504/504 doppelseitig, Prismsolar, Spezialornament FR, Royal King, Royal Flash, Royal Trio

	System	8 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	8
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
g-value	3	NPD
Durability	3	bestanden

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Patterned glass: Rohglas

	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":		
Burglars 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	NPD
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
g-value	3	NPD
Durability	3	bestanden

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Patterned glass: Rohglas, Ornament 504, Ornament Z, Barock, 504/504 doppelseitig, Priskasolar, Spezialornament FR, Royal King, Royal Flash, Royal Trio

	System	10 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	10
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	NPD
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
g-value	3	NPD
Durability	3	bestanden

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Patterned glass: Barock, Priskasolar

	System	12 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	12
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	NPD
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
g-value	3	NPD
Durability	3	bestanden

NPD: no performance defined

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 Christoph Lamberts, General Manager

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Glasfabrik Lamberts GmbH &
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Patterned glass: Ornament A bronze, Ornament Z 178 bronze, Barock bronze,

	System	4 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	4
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	29 (-1;-3)
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
g-value	3	NPD
Durability	3	bestanden

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Glasfabrik Lamberts GmbH &
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Patterned glass: EcoSolar SM eisenarm, EcoSolar MM eisenarm

	System	2 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	2
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	NPD
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
g-value	3	NPD
Durability	3	bestanden

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 Christoph Lamberts, General Manager

Wunsiedel, den 01.07.2013



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 Postfach 560
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Patterned glass: EcoSolar SM eisenarm, EcoSolar MM eisenarm

	System	3 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	3
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	29 (-2;-5)
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
g-value	3	NPD
Durability	3	bestanden

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Glasfabrik Lamberts GmbH & Co.KG
 Christoph Lamberts, Geschäftsführer

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Patterned glass: EcoSolar SM eisenarm, EcoSolar MM eisenarm

	System	4 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	4
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	29 (-1;-3)
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
g-value	3	NPD
Durability	3	bestanden

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Patterned glass: Ornament MR eisenarm

	System	5 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	5
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	30 (-2;-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
g-value	3	NPD
Durability	3	bestanden

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Patterned glass: Priskasolar eisenarm

	System	6mm
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 .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, General Manager

Wunsiedel, den 01.07.2013



LAMBERTS

DECLARATION OF PERFORMANCE

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

Patterned glass: Spezialornament FR eisenarm

	System	8 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	8
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
g-value	3	NPD
Durability	3	bestanden

NPD: no performance defined

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Glasfabrik Lamberts GmbH & Co.KG
Christoph Lamberts, General Manager

Wunsiedel, den 01.07.2013



LAMBERTS

DECLARATION OF PERFORMANCE

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

Patterned glass: Priskasolar eisenarm

	System	10 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":		
Burglars 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	10
Application for sound insulation		
Direct airborne sound insulation (EN 12758) [dB]	4	NPD
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
g-value	3	NPD
Durability	3	bestanden

NPD: no performance defined

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