

# Declaration of Performance


## Cornwall Glass Manufacturing - Plymouth

Manufacturer	Cornwall Glass Manufacturing 3 Beechwood Way, Langage Plymouth Devon PL7 5HH
Declaration of Performance No.	PL-16
Product Type	4mm Clear Heat Soak Toughened
Product Code	4CHST
Intended Use	Heat soaked thermally toughened soda lime silicate glass, intended to be used in buildings and construction works.
System of AVCP	System 3
Applicable Standard	EN 14179-2 : 2005
Notified Body	NB0336
<b>Characteristics</b>	<b>Performance</b>
Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion resistance	NPD
Burglar resistance	NPD
Pendulum body impact resistance	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance	4mm
Direct airborne sound insulation	29(.2;-3)dB
Thermal properties	5.8 W/(m <sup>2</sup> K)
<b>Radiation Properties</b>	
- Light Transmission and reflection	0.90/0.08/0.08
- Solar energy Characteristics	0.85/0.08/0.08

NPD = No Performance Determined

The performance of the product identified above is in conformity with the set of declared performance(s). This declaration of performance is issued, in accordance with Regulation (EU)

No 305/2011, under the sole responsibility of the manufacturer identified above.

Person empowered to sign the DOP on behalf of the manufacturer & position held	Managing Director Mark Norcliffe	
Location & Date	Plymouth	28.5.25

# Declaration of Performance


## Cornwall Glass Manufacturing - Plymouth

Manufacturer	Cornwall Glass Manufacturing 3 Beechwood Way, Langage Plymouth Devon PL7 5HH
Declaration of Performance No.	PL-17
Product Type	6mm Clear Heat Soak Toughened
Product Code	6CHST
Intended Use	Heat soaked thermally toughened soda lime silicate glass, intended to be used in buildings and construction works.
System of AVCP	System 3
Applicable Standard	EN 14179-2 : 2005
Notified Body	NB0336
<b>Characteristics</b>	<b>Performance</b>
Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion resistance	NPD
Burglar resistance	NPD
Pendulum body impact resistance	1(C)1
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance	6mm
Direct airborne sound insulation	31(.2;-3)dB
Thermal properties	5.4 W/(m <sup>2</sup> K)
<b>Radiation Properties</b>	
- Light Transmission and reflection	0.88/0.08/0.08
- Solar energy Characteristics	0.79/0.07/0.07

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# Declaration of Performance


## Cornwall Glass Manufacturing - Plymouth

Manufacturer	Cornwall Glass Manufacturing 3 Beechwood Way, Langage Plymouth Devon PL7 5HH
Declaration of Performance No.	PL-18
Product Type	4mm Hard Coat Low E Heat Soak Toughened
Product Code	4HCHST
Intended Use	Heat soaked thermally toughened soda lime silicate glass, intended to be used in buildings and construction works.
System of AVCP	System 3
Applicable Standard	EN 14179-2 : 2005
Notified Body	NB0336
<b>Characteristics</b>	<b>Performance</b>
Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion resistance	NPD
Burglar resistance	NPD
Pendulum body impact resistance	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance	4mm
Direct airborne sound insulation	29(.2;-3)dB
Thermal properties	3.7 W/(m <sup>2</sup> K)
<b>Radiation Properties</b>	
- Light Transmission and reflection	0.82/0.11/0.12
- Solar energy Characteristics	0.71/0.10/0.11

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# Declaration of Performance


## Cornwall Glass Manufacturing - Plymouth

Manufacturer	Cornwall Glass Manufacturing 3 Beechwood Way, Langage Plymouth Devon PL7 5HH
Declaration of Performance No.	PL-19
Product Type	4mm Soft Coat Low E Heat Soak Toughened
Product Code	4SCHST
Intended Use	Heat soaked thermally toughened soda lime silicate glass, intended to be used in buildings and construction works.
System of AVCP	System 3
Applicable Standard	EN 14179-2 : 2005
Notified Body	NB0336
<b>Characteristics</b>	<b>Performance</b>
Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion resistance	NPD
Burglar resistance	NPD
Pendulum body impact resistance	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance	4mm
Direct airborne sound insulation	29(.2;-3)dB
Thermal properties	NPD
<b>Radiation Properties</b>	
- Light Transmission and reflection	NPD
- Solar energy Characteristics	NPD

NPD = No Performance Determined

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# Declaration of Performance


## Cornwall Glass Manufacturing - Plymouth

Manufacturer	Cornwall Glass Manufacturing 3 Beechwood Way, Langage Plymouth Devon PL7 5HH
Declaration of Performance No.	PL-20
Product Type	6mm Soft Coat Low E Heat Soak Toughened
Product Code	6SCHST
Intended Use	Heat soaked thermally toughened soda lime silicate glass, intended to be used in buildings and construction works.
System of AVCP	System 3
Applicable Standard	EN 14179-2 : 2005
Notified Body	NB0336
<b>Characteristics</b>	<b>Performance</b>
Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion resistance	NPD
Burglar resistance	NPD
Pendulum body impact resistance	1(C)1
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance	6mm
Direct airborne sound insulation	32(.2;-3)dB
Thermal properties	NPD
<b>Radiation Properties</b>	
- Light Transmission and reflection	NPD
- Solar energy Characteristics	NPD

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# Declaration of Performance


## Cornwall Glass Manufacturing - Plymouth

Manufacturer	Cornwall Glass Manufacturing 3 Beechwood Way, Langage Plymouth Devon PL7 5HH
Declaration of Performance No.	PL-21
Product Type	4mm Obscure Heat Soak Toughened
Product Code	4OHST
Intended Use	Heat soaked thermally toughened soda lime silicate glass, intended to be used in buildings and construction works.
System of AVCP	System 3
Applicable Standard	EN 14179-2 : 2005
Notified Body	NB0336
<b>Characteristics</b>	<b>Performance</b>
Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion resistance	NPD
Burglar resistance	NPD
Pendulum body impact resistance	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance	4mm
Direct airborne sound insulation	29(.2;-3)dB
Thermal properties	5.8 W/(m <sup>2</sup> K)
<b>Radiation Properties</b>	
- Light Transmission and reflection	0.82/0.08/0.08
- Solar energy Characteristics	0.78/0.07/0.07

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# Declaration of Performance


## Cornwall Glass Manufacturing - Plymouth

Manufacturer	Cornwall Glass Manufacturing 3 Beechwood Way, Langage Plymouth Devon PL7 5HH
Declaration of Performance No.	PL-22
Product Type	4mm Satin Heat Soak Toughened
Product Code	4SHST
Intended Use	Heat soaked thermally toughened soda lime silicate glass, intended to be used in buildings and construction works.
System of AVCP	System 3
Applicable Standard	EN 14179-2 : 2005
Notified Body	NB0336
<b>Characteristics</b>	<b>Performance</b>
Resistance to fire	NPD
Reaction to fire	A1
External fire performance	NPD
Bullet resistance	NPD
Explosion resistance	NPD
Burglar resistance	NPD
Pendulum body impact resistance	1(C)2
Resistance against sudden temperature changes and temperature differentials	200K
Wind, snow, permanent and imposed load resistance	4mm
Direct airborne sound insulation	29(.2;-3)dB
Thermal properties	NPD
<b>Radiation Properties</b>	
- Light Transmission and reflection	NPD
- Solar energy Characteristics	NPD

NPD = No Performance Determined

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