



www.schott.com/dop

Unique identification code of the product Type:	ISO PYRAN® S Declaration of performance no. 1121 – CPR – CA0015
Intended use:	Insulating glass units to be used in buildings and construction works
Manufacturer:	SCHOTT Technical Glass Solutions GmbH Otto-Schott-Strasse 13 07745 Jena Germany
Harmonised standard:	EN 1279-5:2005+A2:2010
Notified bodies:	No.: 0086, 0402, 0432, 0589, 0672, 0757, 0761, 0786, 0832, 0833, 0843, 1121, 1139, 1166, 1234, 1288, 1314, 1322, 1343, 1396, 1644, 1812, 2502

Essential characteristics	AVCP systems	Declared performance/s	
		Type S5 - 12.1.120 ¹	Type S5 - 10.2.120 ²
Safety in the case of fire			
Resistance to fire	1	E30	E30
Reaction to fire	3, 4	E	E
External fire behaviour	3, 4	NPD	NPD
Safety in use			
Bullet resistance	1	NPD	NPD
Explosion resistance	1	NPD	NPD
Burglar resistance	3	NPD	NPD
Pendulum body impact resistance	3	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	40 K	40 K
Resistance against wind, snow, permanent load and/or imposed loads	4	NPD	NPD
Protection against noise			
Direct airborne sound reduction	3	NPD	NPD
Thermal properties			
Emissivity	3	NPD	NPD
U-value		1,6 W/(m²K)	1,4 W/(m²K)
Radiation properties			
Light transmission	3	0,81	0,81
Light reflection		0,14 / 0,15	0,14 / 0,15
Solar energy characteristics			
Solar transmission	3	0,59	0,59
Solar reflection		0,30	0,30
Solar factor (g-Value)		0,64	0,64
Durability	3	Pass	Pass

¹ Design: Outside - PYRAN® S 5 mm – Air filled 12mm – lowE Float 4 mm - Inside

² Design: Outside - PYRAN® S 5 mm – Argon filled 10mm – lowE Float 4 mm - Inside

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.

Signed for and on behalf of the manufacturer by:

Jena, 02/01/2017

Kai Olbricht

ppa. Christian Jabschinsky



www.schott.com/dop

Unique identification code of the product Type:	ISO PYRAN® S Declaration of performance no. 1121 – CPR – CA0015
Intended use:	Insulating glass units to be used in buildings and construction works
Manufacturer:	SCHOTT Technical Glass Solutions GmbH Otto-Schott-Strasse 13 07745 Jena Germany
Harmonised standard:	EN 1279-5:2005+A2:2010
Notified bodies:	No.: 0086, 0402, 0432, 0589, 0672, 0757, 0761, 0786, 0832, 0833, 0843, 1121, 1139, 1166, 1234, 1288, 1314, 1322, 1343, 1396, 1644, 1812, 2502

Essential characteristics	AVCP systems	Declared performance/s	
		Type S5 - 15.1.120 ³	Type S5 - 15.2.120 ⁴
Safety in the case of fire			
Resistance to fire	1	E30	E30
Reaction to fire	3, 4	E	E
External fire behaviour	3, 4	NPD	NPD
Safety in use			
Bullet resistance	1	NPD	NPD
Explosion resistance	1	NPD	NPD
Burglar resistance	3	NPD	NPD
Pendulum body impact resistance	3	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	40 K	40 K
Resistance against wind, snow, permanent load and/or imposed loads	4	NPD	NPD
Protection against noise			
Direct airborne sound reduction	3	NPD	NPD
Thermal properties			
Emissivity	3	NPD	NPD
U-value		1,4 W/(m²K)	1,1 W/(m²K)
Radiation properties			
Light transmission	3	0,81	0,81
Light reflection		0,14 / 0,15	0,14 / 0,15
Solar energy characteristics			
Solar transmission	3	0,59	0,59
Solar reflection		0,30	0,30
Solar factor (g-Value)		0,64	0,64
Durability	3	Pass	Pass

³ Design: Outside - PYRAN® S 5 mm – Air filled 15mm – lowE Float 4 mm - Inside

⁴ Design: Outside - PYRAN® S 5 mm – Argon filled 15mm – lowE Float 4 mm - Inside

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.

Signed for and on behalf of the manufacturer by:

Jena, 02/01/2017

Kai Olbricht

ppa. Christian Jabschinsky



www.schott.com/dop

Unique identification code of the product Type:	ISO PYRAN® S Declaration of performance no. 1121 – CPR – CA0015
Intended use:	Insulating glass units to be used in buildings and construction works
Manufacturer:	SCHOTT Technical Glass Solutions GmbH Otto-Schott-Strasse 13 07745 Jena Germany
Harmonised standard:	EN 1279-5:2005+A2:2010
Notified bodies:	No.: 0086, 0402, 0432, 0589, 0672, 0757, 0761, 0786, 0832, 0833, 0843, 1121, 1139, 1166, 1234, 1288, 1314, 1322, 1343, 1396, 1644, 1812, 2502

Essential characteristics	AVCP systems	Declared performance/s	
		Type S5 - 15.1.128 ⁵	Type S5 - 15.2.128 ⁶
Safety in the case of fire			
Resistance to fire	1	E30	E30
Reaction to fire	3, 4	E	E
External fire behaviour	3, 4	NPD	NPD
Safety in use			
Bullet resistance	1	NPD	NPD
Explosion resistance	1	NPD	NPD
Burglar resistance	3	NPD	NPD
Pendulum body impact resistance	3	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	40 K	40 K
Resistance against wind, snow, permanent load and/or imposed loads	4	NPD	NPD
Protection against noise			
Direct airborne sound reduction	3	NPD	NPD
Thermal properties			
Emissivity	3	NPD	NPD
U-value		1,4 W/(m²K)	1,1 W/(m²K)
Radiation properties			
Light transmission	3	0,80	0,80
Light reflection		0,13 / 0,14	0,13 / 0,14
Solar energy characteristics			
Solar transmission	3	0,54	0,54
Solar reflection		0,30	0,30
Solar factor (g-Value)		0,64	0,64
Durability	3	Pass	Pass

⁵ Design: Outside - PYRAN® S 5 mm – Air filled 15mm – lowE Laminate-3.3.2-7mm - Inside

⁶ Design: Outside - PYRAN® S 5 mm – Argon filled 15mm – lowE Laminate-3.3.2-7mm - Inside

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.

Signed for and on behalf of the manufacturer by:

Jena, 02/01/2017

Kai Olbricht

ppa. Christian Jabschinsky



www.schott.com/dop

Unique identification code of the product Type:	ISO PYRAN® S Declaration of performance no. 1121 – CPR – CA0015
Intended use:	Insulating glass units to be used in buildings and construction works
Manufacturer:	SCHOTT Technical Glass Solutions GmbH Otto-Schott-Strasse 13 07745 Jena Germany
Harmonised standard:	EN 1279-5:2005+A2:2010
Notified bodies:	No.: 0086, 0402, 0432, 0589, 0672, 0757, 0761, 0786, 0832, 0833, 0843, 1121, 1139, 1166, 1234, 1288, 1314, 1322, 1343, 1396, 1644, 1812, 2502

Essential characteristics	AVCP systems	Declared performance/s	
		Type S 6 – 15.1.120 ⁷	Type S6 - 15.2.120 ⁸
Safety in the case of fire			
Resistance to fire	1	E60 / EW20	E60 / EW20
Reaction to fire	3, 4	E	E
External fire behaviour	3, 4	NPD	NPD
Safety in use			
Bullet resistance	1	NPD	NPD
Explosion resistance	1	NPD	NPD
Burglar resistance	3	NPD	NPD
Pendulum body impact resistance	3	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	40 K	40 K
Resistance against wind, snow, permanent load and/or imposed loads	4	NPD	NPD
Protection against noise			
Direct airborne sound reduction	3	NPD	NPD
Thermal properties			
Emissivity	3	NPD	NPD
U-value		1,4 W/(m²K)	1,1 W/(m²K)
Radiation properties			
Light transmission	3	0,81	0,81
Light reflection		0,14 / 0,15	0,14 / 0,15
Solar energy characteristics			
Solar transmission	3	0,59	0,59
Solar reflection		0,31	0,31
Solar factor (g-Value)		0,64	0,64
Durability	3	Pass	Pass

⁷ Design: Outside - PYRAN® S 6 mm – Air filled 15mm – lowE Float 4 mm - Inside

⁸ Design: Outside - PYRAN® S 6 mm – Argon filled 15mm – lowE Float 4 mm - Inside

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.

Signed for and on behalf of the manufacturer by:

Jena, 02/01/2017

Kai Olbricht

ppa. Christian Jabschinsky



www.schott.com/dop

Unique identification code of the product Type:	ISO PYRAN® S Declaration of performance no. 1121 – CPR – CA0015
Intended use:	Insulating glass units to be used in buildings and construction works
Manufacturer:	SCHOTT Technical Glass Solutions GmbH Otto-Schott-Strasse 13 07745 Jena Germany
Harmonised standard:	EN 1279-5:2005+A2:2010
Notified bodies:	No.: 0086, 0402, 0432, 0589, 0672, 0757, 0761, 0786, 0832, 0833, 0843, 1121, 1139, 1166, 1234, 1288, 1314, 1322, 1343, 1396, 1644, 1812, 2502

Essential characteristics	AVCP systems	Declared performance/s	
		Type S 6 – 15.1.128 ⁹	Type S6 - 15.2.128 ¹⁰
Safety in the case of fire			
Resistance to fire	1	E60 / EW20	E60 / EW20
Reaction to fire	3, 4	E	E
External fire behaviour	3, 4	NPD	NPD
Safety in use			
Bullet resistance	1	NPD	NPD
Explosion resistance	1	NPD	NPD
Burglar resistance	3	NPD	NPD
Pendulum body impact resistance	3	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	40 K	40 K
Resistance against wind, snow, permanent load and/or imposed loads	4	NPD	NPD
Protection against noise			
Direct airborne sound reduction	3	NPD	NPD
Thermal properties			
Emissivity	3	NPD	NPD
U-value		1,4 W/(m²K)	1,1 W/(m²K)
Radiation properties			
Light transmission	3	0,80	0,80
Light reflection		0,14 / 0,15	0,14 / 0,15
Solar energy characteristics			
Solar transmission	3	0,54	0,54
Solar reflection		0,30	0,30
Solar factor (g-Value)		0,63	0,64
Durability	3	Pass	Pass

⁹ Design: Outside - PYRAN® S 6 mm – Air filled 15mm – lowE Laminate-3.3.2-7mm - Inside

¹⁰ Design: Outside - PYRAN® S 6 mm – Argon filled 15mm – lowE Laminate-3.3.2-7mm - Inside

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.

Signed for and on behalf of the manufacturer by:

Jena, 02/01/2017

Kai Olbricht

ppa. Christian Jabschinsky



www.schott.com/dop

Unique identification code of the product Type:	ISO PYRAN® S Declaration of performance no. 1121 – CPR – CA0015
Intended use:	Insulating glass units to be used in buildings and construction works
Manufacturer:	SCHOTT Technical Glass Solutions GmbH Otto-Schott-Strasse 13 07745 Jena Germany
Harmonised standard:	EN 1279-5:2005+A2:2010
Notified bodies:	No.: 0086, 0402, 0432, 0589, 0672, 0757, 0761, 0786, 0832, 0833, 0843, 1121, 1139, 1166, 1234, 1288, 1314, 1322, 1343, 1396, 1644, 1812, 2502

Essential characteristics	AVCP systems	Declared performance/s	
		Type S 8 – 15.2.120 ¹¹	Type S6 - 15.1.000 ¹²
Safety in the case of fire			
Resistance to fire	1	E60 / EW20	E60
Reaction to fire	3, 4	E	E
External fire behaviour	3, 4	NPD	NPD
Safety in use			
Bullet resistance	1	NPD	NPD
Explosion resistance	1	NPD	NPD
Burglar resistance	3	NPD	NPD
Pendulum body impact resistance	3	NPD	NPD
Resistance against sudden temperature changes and temperature differentials	4	40 K	40 K
Resistance against wind, snow, permanent load and/or imposed loads	4	NPD	NPD
Protection against noise			
Direct airborne sound reduction	3	NPD	NPD
Thermal properties			
Emissivity	3	NPD	NPD
U-value		1,1 W/(m²K)	2,7 W/(m²K)
Radiation properties			
Light transmission	3	0,81	0,83
Light reflection		0,14 / 0,15	0,15 / 0,15
Solar energy characteristics			
Solar transmission	3	0,58	0,77
Solar reflection		0,30	0,14
Solar factor (g-Value)		0,64	0,81
Durability	3	Pass	Pass

¹¹ Design: Outside - PYRAN® S 8 mm – Argon filled 15mm – lowE Float 4 mm - Inside

¹² Design: Outside - PYRAN® S 6 mm – Air filled 15mm – Float 4 mm - Inside

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.

Signed for and on behalf of the manufacturer by:

Jena, 02/01/2017

Kai Olbricht

ppa. Christian Jabschinsky



www.schott.com/dop

Unique identification code of the product Type:	ISO PYRAN® S Declaration of performance no. 1121 – CPR – CA0015
Intended use:	Insulating glass units to be used in buildings and construction works
Manufacturer:	SCHOTT Technical Glass Solutions GmbH Otto-Schott-Strasse 13 07745 Jena Germany
Harmonised standard:	EN 1279-5:2005+A2:2010
Notified bodies:	No.: 0086, 0402, 0432, 0589, 0672, 0757, 0761, 0786, 0832, 0833, 0843, 1121, 1139, 1166, 1234, 1288, 1314, 1322, 1343, 1396, 1644, 1812, 2502

Essential characteristics	AVCP systems	Declared performance/s	
		Type S 5 – 15.1.136 ¹³	
Safety in the case of fire			
Resistance to fire	1	E30	
Reaction to fire	3, 4	E	
External fire behaviour	3, 4	NPD	
Safety in use			
Bullet resistance	1	NPD	
Explosion resistance	1	NPD	
Burglar resistance	3	NPD	
Pendulum body impact resistance	3	NPD	
Resistance against sudden temperature changes and temperature differentials	4	40 K	
Resistance against wind, snow, permanent load and/or imposed loads	4	NPD	
Protection against noise			
Direct airborne sound reduction	3	NPD	
Thermal properties			
Emissivity	3	NPD	
U-value		1,4 W/(m²K)	
Radiation properties			
Light transmission	3	NPD	
Light reflection		NPD	
Solar energy characteristics			
Solar transmission	3	NPD	
Solar reflection		NPD	
Solar factor (g-Value)		NPD	
Durability	3	Pass	

¹³ Design: Outside Float-Satinato 4 mm -- Air filled 15mm – lowE PYRAN® S 5 mm - Inside

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.

Signed for and on behalf of the manufacturer by:

Jena, 02/01/2017

Kai Olbricht

ppa. Christian Jabschinsky


www.schott.com/dop

Unique identification code of the product Type:	ISO PYRAN® S Declaration of performance no. 1121 – CPR – CA0015
Intended use:	Insulating glass units to be used in buildings and construction works
Manufacturer:	SCHOTT Technical Glass Solutions GmbH Otto-Schott-Strasse 13 07745 Jena Germany
Harmonised standard:	EN 1279-5:2005+A2:2010
Notified bodies:	No.: 0086, 0402, 0432, 0589, 0672, 0757, 0761, 0786, 0832, 0833, 0843, 1121, 1139, 1166, 1234, 1288, 1314, 1322, 1343, 1396, 1644, 1812, 2502

Remark to the Declaration of Performance

For laminated glass and insulating glass units, this declaration of performance indicates some exemplary glass structures/designs but it is not possible to list all available glass structures/designs.

The declaration of performance and the characteristics of performance of non-listed glass structures/designs is available on request or with your order.

SCHOTT Technical Glass Solutions GmbH
 E-Mail: info.pyran@schott.com

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.

Signed for and on behalf of the manufacturer by:

Jena, 02/01/2017

Kai Olbricht

ppa. Christian Jabschinsky