

Regency Triple ® (28mm) - 4mm rg softcoat / 0.5mm Corning® Enlighten™ Glass / 4mm rg softcoat

Configuration: 4 (9.75 Argon 90) 0.5 (9.75 Argon 90) 4

Coating: PLANITHERM TOTAL+ FG #2 / PLANITHERM TOTAL+ FG #5

Computed by: Natalie Hartley

Computed on: 02/07/2026

Product catalog: United Kingdom

Norms: EN410:2011

Glazing type





Glazing 1

- PLANICLEAR(4mm) - Annealed
- PLANITHERM TOTAL+ FG

Cavity1

- Argon 90% 9.75 mm

Glazing 2

- Ultra Thin Glass(0.5mm) - Annealed

Cavity2

- Argon 90% 9.75 mm

Glazing 3

- PLANITHERM TOTAL+ FG
- PLANICLEAR(4mm) - Annealed

Simulated performance datas

	Luminous Factors	CIE015:2018
	Light Transmittance (TL)	70%
	Outdoor Reflectance (RLe)	17%
	Indoor Reflectance (RLi)	17%
	Energy Factors	EN410:2011
	Transmittance (TE)	51%
	UV (Tuv)	N/A
	Outdoor Reflectance (Ree)	26%
	Indoor Reflectance (Rei)	26%
	Absorptance A1 (AE1)	15%
	Absorptance A2 (AE2)	0%
	Absorptance A3 (AE3)	7%
	Solar Factors	EN410:2011
	Solar Factor (g)	0.58
	Shading Coefficient (SC)	0.67
	Thermal Transmission	EN673:2011
	Angle relative to the vertical	0°
	Ug	0.9 W/(m2.K)
	Acoustics	
	Rw (C;Ctr)	N/A
	Ra	N/A
	Ra,tr	N/A
	STC (ASTM E413)	N/A
	OITC (ASTM E1332)	N/A
	Color Rendering	CIE015:2018
	Transmission (Ra)	98.5
	Reflection (Ra)	91.8
	Safety Class	EN12600
	Pendulum Body Resistance	NPD
	Anti-Burglary	EN356
	Burglar Resistance	NPD
	Manufacturing Sizes	
	Nominal Thickness	28.0 mm
	Weight	21 kg/m²
	Sustainability	
	Carbon footprint	
	<i>The value is estimated based on the composition and calculated according to the standard EN 15804+A2</i>	
	Global Warming Potential (GWP) - A1-A3	EN 15804+A2
	(kg, CO ₂ eq./m²) European average	N/A

Regency Triple ® (36mm) - 4mm rg softcoat / 0.5mm Corning® Enlighten™ Glass / 4mm rg softcoat

Configuration: 4 (13.75 Argon 90) 0.5 (13.75 Argon 90) 4

Coating: PLANITHERM TOTAL+ FG #2 / PLANITHERM TOTAL+ FG #5

Computed by: Natalie Hartley

Computed on: 02/07/2026

Product catalog: United Kingdom

Norms: EN410:2011

Glazing type







Glazing 1

- PLANICLEAR(4mm) - Annealed
- PLANITHERM TOTAL+ FG



Cavity1

- Argon 90% 13.75 mm



Glazing 2

- Ultra Thin Glass(0.5mm) - Annealed



Cavity2

- Argon 90% 13.75 mm



Glazing 3

- PLANITHERM TOTAL+ FG
- PLANICLEAR(4mm) - Annealed

Simulated performance datas

	Luminous Factors	CIE015:2018
	Light Transmittance (TL)	70%
	Outdoor Reflectance (RLe)	17%
	Indoor Reflectance (RLi)	17%
	Energy Factors	EN410:2011
	Transmittance (TE)	51%
	UV (Tuv)	N/A
	Outdoor Reflectance (Ree)	26%
	Indoor Reflectance (Rei)	26%
	Absorptance A1 (AE1)	15%
	Absorptance A2 (AE2)	0%
	Absorptance A3 (AE3)	7%
	Solar Factors	EN410:2011
	Solar Factor (g)	0.58
	Shading Coefficient (SC)	0.67
	Thermal Transmission	EN673:2011
	Angle relative to the vertical	0°
	Ug	0.7 W/(m2.K)
	Acoustics	
	Rw (C;Ctr)	N/A
	Ra	N/A
	Ra,tr	N/A
	STC (ASTM E413)	N/A
	OITC (ASTM E1332)	N/A
	Color Rendering	CIE015:2018
	Transmission (Ra)	98.5
	Reflection (Ra)	91.8
	Safety Class	EN12600
	Pendulum Body Resistance	NPD
	Anti-Burglary	EN356
	Burglar Resistance	NPD
	Manufacturing Sizes	
	Nominal Thickness	36.0 mm
	Weight	21 kg/m²
	Sustainability	
	Carbon footprint	
	<i>The value is estimated based on the composition and calculated according to the standard EN 15804+A2</i>	
	Global Warming Potential (GWP) - A1-A3	EN 15804+A2
	(kg, CO ₂ eq./m²) European average	N/A

Regency Triple ® (40mm) - 4mm rg softcoat / 0.5mm Corning® Enlighten™ Glass / 4mm rg softcoat

Configuration: 4 (15.75 Argon 90) 0.5 (15.75 Argon 90) 4

Coating: PLANITHERM TOTAL+ FG #2 / PLANITHERM TOTAL+ FG #5

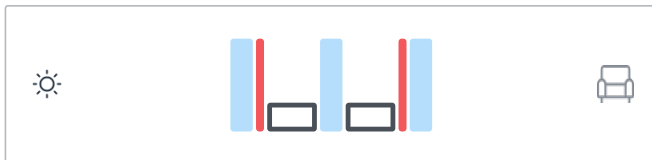
Computed by: Natalie Hartley

Computed on: 02/07/2026

Product catalog: United Kingdom

Norms: EN410:2011

Glazing type



	Glazing 1 - PLANICLEAR(4mm) - Annealed - PLANITHERM TOTAL+ FG
	Cavity1 Argon 90% 15.75 mm
	Glazing 2 Ultra Thin Glass(0.5mm) - Annealed
	Cavity2 Argon 90% 15.75 mm
	Glazing 3 - PLANITHERM TOTAL+ FG - PLANICLEAR(4mm) - Annealed

Simulated performance datas

	Luminous Factors	CIE015:2018
	Light Transmittance (TL)	70%
	Outdoor Reflectance (RLe)	17%
	Indoor Reflectance (RLi)	17%

	Energy Factors	EN410:2011
	Transmittance (TE)	51%
	UV (Tuv)	N/A
	Outdoor Reflectance (Ree)	26%
	Indoor Reflectance (Rei)	26%
	Absorptance A1 (AE1)	15%
	Absorptance A2 (AE2)	0%
	Absorptance A3 (AE3)	7%

	Solar Factors	EN410:2011
	Solar Factor (g)	0.58
	Shading Coefficient (SC)	0.67

	Thermal Transmission	EN673:2011
	Angle relative to the vertical	0°
	Ug	0.6 W/(m2.K)

	Acoustics	
	Rw (C;Ctr)	N/A
	Ra	N/A
	Ra,tr	N/A
	STC (ASTM E413)	N/A
	OITC (ASTM E1332)	N/A

	Color Rendering	CIE015:2018
	Transmission (Ra)	98.5
	Reflection (Ra)	91.8

	Safety Class	EN12600
	Pendulum Body Resistance	NPD

	Anti-Burglary	EN356
	Burglar Resistance	NPD

	Manufacturing Sizes	
	Nominal Thickness	40.0 mm
	Weight	21 kg/m²

	Sustainability	
	Carbon footprint	
	<i>The value is estimated based on the composition and calculated according to the standard EN 15804+A2</i>	
	Global Warming Potential (GWP) - A1-A3	EN 15804+A2
	(kg, CO ₂ eq./m²) European average	N/A

Regency Triple ® (44mm) - 4mm rg softcoat / 0.5mm Corning® Enlighten™ Glass / 4mm rg softcoat

Configuration: 4 (17.75 Argon 90) 0.5 (17.75 Argon 90) 4

Coating: PLANITHERM TOTAL+ FG #2 / PLANITHERM TOTAL+ FG #5

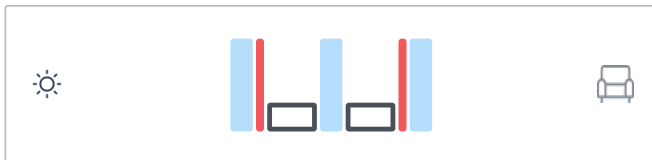
Computed by: Natalie Hartley

Computed on: 02/07/2026

Product catalog: United Kingdom

Norms: EN410:2011

Glazing type



	Glazing 1 - PLANICLEAR(4mm) - Annealed - PLANITHERM TOTAL+ FG
	Cavity1 Argon 90% 17.75 mm
	Glazing 2 Ultra Thin Glass(0.5mm) - Annealed
	Cavity2 Argon 90% 17.75 mm
	Glazing 3 - PLANITHERM TOTAL+ FG - PLANICLEAR(4mm) - Annealed

Simulated performance datas

	Luminous Factors	CIE015:2018
	Light Transmittance (TL)	70%
	Outdoor Reflectance (RLe)	17%
	Indoor Reflectance (RLi)	17%

	Energy Factors	EN410:2011
	Transmittance (TE)	51%
	UV (Tuv)	N/A
	Outdoor Reflectance (Ree)	26%
	Indoor Reflectance (Rei)	26%
	Absorptance A1 (AE1)	15%
	Absorptance A2 (AE2)	0%
	Absorptance A3 (AE3)	7%

	Solar Factors	EN410:2011
	Solar Factor (g)	0.58
	Shading Coefficient (SC)	0.67

	Thermal Transmission	EN673:2011
	Angle relative to the vertical	0°
	Ug	0.6 W/(m2.K)

	Acoustics	
	Rw (C;Ctr)	N/A
	Ra	N/A
	Ra,tr	N/A
	STC (ASTM E413)	N/A
	OITC (ASTM E1332)	N/A

	Color Rendering	CIE015:2018
	Transmission (Ra)	98.5
	Reflection (Ra)	91.8

	Safety Class	EN12600
	Pendulum Body Resistance	NPD

	Anti-Burglary	EN356
	Burglar Resistance	NPD

	Manufacturing Sizes	
	Nominal Thickness	44.0 mm
	Weight	21 kg/m²

	Sustainability	
	Carbon footprint	
	<i>The value is estimated based on the composition and calculated according to the standard EN 15804+A2</i>	
	Global Warming Potential (GWP) - A1-A3	EN 15804+A2
	(kg, CO ₂ eq./m²) European average	N/A