Contact: Tecnical department, Interglas ApS
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2605 Brøndby
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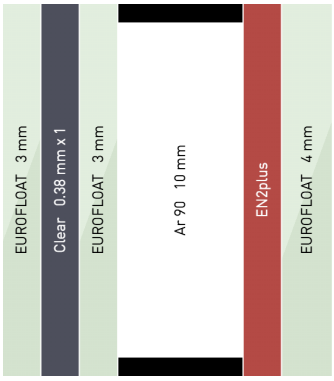
Friday, May 22, 2026

Project: **DGU - 6,38 mm Lam. + 10 mm Spacer + 4 Low E**

Configuration: **EN2plus #5 – 33.1 EF | 10 Ar 90 | 4 EF**



Tilt angle: **90°**

EN2plus #5 – 33.1 EF | 10 Ar 90 | 4 EF

EUROFLOAT 3 mm, Clear 0.38 mm x 1, EUROFLOAT 3 mm, Ar 90 10 mm, EN2plus, EUROFLOAT 4 mm

Optical properties	**EN 410:2011**
Light transmittance (τ_v)	81 %
External light reflectance ($\rho_{v,e}$)	12 %
Internal light reflectance ($\rho_{v,i}$)	12 %
General colour-rendering index (R_a)	98

Energy properties	**EN 410:2011**
Total solar energy transmittance (solar factor) (g)∠	61 %
Shading coefficient (solar factor g / 0.87) (SC)∠	70 %
Secondary internal heat transfer factor (q_i)∠	7 %
Solar direct transmittance (τ_e)	54 %
External solar direct reflectance ($\rho_{e,e}$)	22 %
Internal solar direct reflectance ($\rho_{e,i}$)	25 %
Solar direct absorptance (α_e)	24 %
Solar direct absorptance pane 1 ($\alpha_{e,1}$)	17 %
Solar direct absorptance pane 2 ($\alpha_{e,2}$)	7 %
UV-Transmittance (τ_{UV})	1 %
Selectivity (S)∠	1.3

Thermal properties	**EN 673:2024**
Thermal transmittance (U_g)∠	1.4 W/m²K

Acoustic properties	**EN 12758:2019**
Weighted sound reduction index ($R_w(C;C_{tr})$)	NPD

Mechanical properties	
External bullet resistance ($EN1063_{hr,e}$)	NPD
Internal bullet resistance ($EN1063_{hr,i}$)	NPD
External resistance against manual attack (ball) ($EN356_{ball,e}$)	NPD
Internal resistance against manual attack (ball) ($EN356_{ball,i}$)	NPD
External resistance against manual attack (axe) ($EN356_{axe,e}$)	NPD
Internal resistance against manual attack (axe) ($EN356_{axe,i}$)	NPD

Fire resistance	**EN13501-2:2016**
Fire resistance class (EN13501-2)	NPD

Thickness and weight	
Thickness (mm)	20.38 mm
Weight (kg/m²)	25 kg/m²

Colours

External reflection | Transmission

glaCE version:
Programme: 5.02
Data: 4.0118
App: 3e0e10c9+3e0e10c94ded1fa83d19bc3bbfb0cbabd9500709

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Friday, May 22, 2026

Project: **DGU - 6,38 mm Lam. + 10 mm Spacer + 4 Low E**

Configuration: **EN2plus #5 – 33.1 EF | 10 Ar 90 | 4 EF**

Temperatures	**EN ISO 52022-3:2017**
Pane 1 (T_1)∠	31 °C
Pane 2 (T_2)∠	30 °C
Climate: Summer	
Solar radiation	500 W/m^2
Outside	
Temperature	25 °C
Heat transfer coefficient	8 W/m^{2}K
Inside	
Temperature	25 °C
Heat transfer coefficient	3 W/m^{2}K

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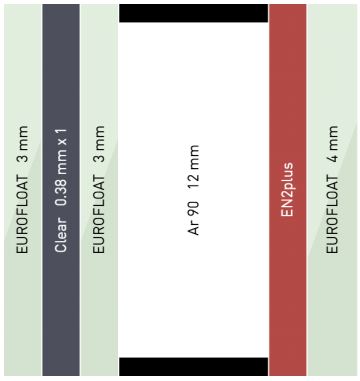
Friday, May 22, 2026

Project: **DGU - 6,38 mm Lam. + 12 mm Spacer + 4 Low E**

Configuration: **EN2plus #5 – 33.1 EF | 12 Ar 90 | 4 EF**



Tilt angle: **90°**

EN2plus #5 – 33.1 EF | 12 Ar 90 | 4 EF

EUROFLOAT 3 mm, Clear 0.38 mm x 1, EUROFLOAT 3 mm, Ar 90 12 mm, EN2plus, EUROFLOAT 4 mm

Optical properties	**EN 410:2011**
Light transmittance (τ_v)	81 %
External light reflectance ($\rho_{v,e}$)	12 %
Internal light reflectance ($\rho_{v,i}$)	12 %
General colour-rendering index (R_a)	98

Energy properties	**EN 410:2011**
Total solar energy transmittance (solar factor) (g)∠	61 %
Shading coefficient (solar factor g / 0.87) (SC)∠	70 %
Secondary internal heat transfer factor (q_i)∠	7 %
Solar direct transmittance (τ_e)	54 %
External solar direct reflectance ($\rho_{e,e}$)	22 %
Internal solar direct reflectance ($\rho_{e,i}$)	25 %
Solar direct absorptance (α_e)	24 %
Solar direct absorptance pane 1 ($\alpha_{e,1}$)	17 %
Solar direct absorptance pane 2 ($\alpha_{e,2}$)	7 %
UV-Transmittance (τ_{UV})	1 %
Selectivity (S)∠	1.3

Thermal properties	**EN 673:2024**
Thermal transmittance (U_g)∠	1.3 W/m²K

Acoustic properties	**EN 12758:2019**
Weighted sound reduction index ($R_w(C;C_{tr})$)	NPD

Mechanical properties	
External bullet resistance ($EN1063_{hr,e}$)	NPD
Internal bullet resistance ($EN1063_{hr,i}$)	NPD
External resistance against manual attack (ball) ($EN356_{ball,e}$)	NPD
Internal resistance against manual attack (ball) ($EN356_{ball,i}$)	NPD
External resistance against manual attack (axe) ($EN356_{axe,e}$)	NPD
Internal resistance against manual attack (axe) ($EN356_{axe,i}$)	NPD

Fire resistance	**EN13501-2:2016**
Fire resistance class (EN13501-2)	NPD

Thickness and weight	
Thickness (mm)	22.38 mm
Weight (kg/m²)	25 kg/m²

Colours

External reflection | Transmission

Calculations are performed according to the European standards EN 410:2011 and EN 673:2024. The values given are only indicative and subject to change without notice. They do not represent any guarantee for the performance of the glazing.
The responsibility for the choice of a configuration, the use of characteristics and compliance with local, regional, national or project-specific requirements lies solely with the user. It is recommended to have feasibility and availability of a configuration checked. To assess the real, physiological colour impression, sampling is recommended in any case.

glaCE version:
Programme: 5.02
Data: 4.0118
App: 3e0e10c9+3e0e10c94ded1fa83d19bc3bbfb0cbabd9500709

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Friday, May 22, 2026

Project: **DGU - 6,38 mm Lam. + 12 mm Spacer + 4 Low E**

Configuration: **EN2plus #5 – 33.1 EF | 12 Ar 90 | 4 EF**

Temperatures	**EN ISO 52022-3:2017**
Pane 1 (T_1)∠	31 °C
Pane 2 (T_2)∠	30 °C
Climate: Summer	
Solar radiation	500 W/m^2
Outside	
Temperature	25 °C
Heat transfer coefficient	8 W/m^{2}K
Inside	
Temperature	25 °C
Heat transfer coefficient	3 W/m^{2}K

glaCE version:
Programme: 5.02
Data: 4.0118
App: 3e0e10c9+3e0e10c94ded1fa83d19bc3bbfb0cbabd9500709

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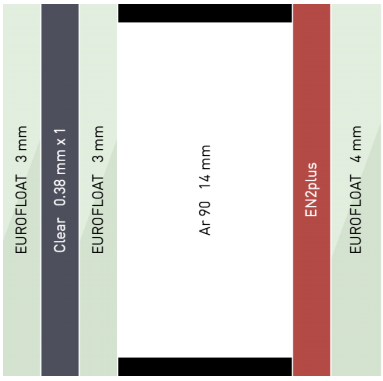
Friday, May 22, 2026

Project: **DGU - 6,38 mm Lam. + 4 Low E**

Configuration: **EN2plus #5 – 33.1 EF | 14 Ar 90 | 4 EF**



Tilt angle: **90°**

EN2plus #5 – 33.1 EF | 14 Ar 90 | 4 EF

EUROFLOAT 3 mm, Clear 0.38 mm x 1, EUROFLOAT 3 mm, Ar 90 14 mm, EN2plus, EUROFLOAT 4 mm

Optical properties	**EN 410:2011**
Light transmittance (τ_v)	81 %
External light reflectance ($\rho_{v,e}$)	12 %
Internal light reflectance ($\rho_{v,i}$)	12 %
General colour-rendering index (R_a)	98

Energy properties	**EN 410:2011**
Total solar energy transmittance (solar factor) (g)∠	61 %
Shading coefficient (solar factor g / 0.87) (SC)∠	70 %
Secondary internal heat transfer factor (q_i)∠	7 %
Solar direct transmittance (τ_e)	54 %
External solar direct reflectance ($\rho_{e,e}$)	22 %
Internal solar direct reflectance ($\rho_{e,i}$)	25 %
Solar direct absorptance (α_e)	24 %
Solar direct absorptance pane 1 ($\alpha_{e,1}$)	17 %
Solar direct absorptance pane 2 ($\alpha_{e,2}$)	7 %
UV-Transmittance (τ_{UV})	1 %
Selectivity (S)∠	1.3

Thermal properties	**EN 673:2024**
Thermal transmittance (U_g)∠	1.1 W/m²K

Acoustic properties	**EN 12758:2019**
Weighted sound reduction index ($R_w(C;C_{tr})$)	NPD

Mechanical properties	
External bullet resistance ($EN1063_{hr,e}$)	NPD
Internal bullet resistance ($EN1063_{hr,i}$)	NPD
External resistance against manual attack (ball) ($EN356_{ball,e}$)	NPD
Internal resistance against manual attack (ball) ($EN356_{ball,i}$)	NPD
External resistance against manual attack (axe) ($EN356_{axe,e}$)	NPD
Internal resistance against manual attack (axe) ($EN356_{axe,i}$)	NPD

Fire resistance	**EN13501-2:2016**
Fire resistance class (EN13501-2)	NPD

Thickness and weight	
Thickness (mm)	24.38 mm
Weight (kg/m²)	25 kg/m²

Colours

External reflection | Transmission

glaCE version:
Programme: 5.02
Data: 4.0118
App: 3e0e10c9+3e0e10c94ded1fa83d19bc3bbfb0cbabd9500709

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Friday, May 22, 2026

Project: **DGU - 6,38 mm Lam. + 4 Low E**

Configuration: **EN2plus #5 – 33.1 EF | 14 Ar 90 | 4 EF**

Temperatures	**EN ISO 52022-3:2017**
Pane 1 (T_1)∠	31 °C
Pane 2 (T_2)∠	30 °C
Climate: Summer	
Solar radiation	500 W/m^2
Outside	
Temperature	25 °C
Heat transfer coefficient	8 W/m^{2}K
Inside	
Temperature	25 °C
Heat transfer coefficient	3 W/m^{2}K

glaCE version:
Programme: 5.02
Data: 4.0118
App: 3e0e10c9+3e0e10c94ded1fa83d19bc3bbfb0cbabd9500709

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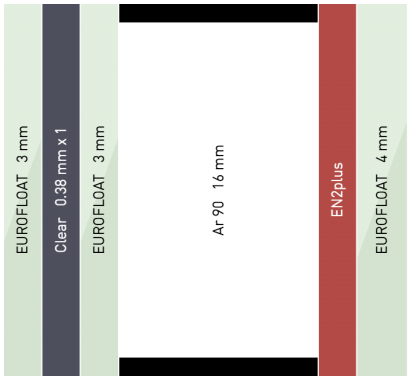
Friday, May 22, 2026

Project: **DGU - 6,38 mm Lam. + 16 mm Spacer + 4 Low E**

Configuration: **EN2plus #5 – 33.1 EF | 16 Ar 90 | 4 EF**



Tilt angle: **90°**

EN2plus #5 – 33.1 EF | 16 Ar 90 | 4 EF

EUROFLOAT 3 mm, Clear 0.38 mm x 1, EUROFLOAT 3 mm, Ar 90 16 mm, EN2plus, EUROFLOAT 4 mm

Optical properties	**EN 410:2011**
Light transmittance (τ_v)	81 %
External light reflectance ($\rho_{v,e}$)	12 %
Internal light reflectance ($\rho_{v,i}$)	12 %
General colour-rendering index (R_a)	98

Energy properties	**EN 410:2011**
Total solar energy transmittance (solar factor) (g)∠	61 %
Shading coefficient (solar factor g / 0.87) (SC)∠	70 %
Secondary internal heat transfer factor (q_i)∠	7 %
Solar direct transmittance (τ_e)	54 %
External solar direct reflectance ($\rho_{e,e}$)	22 %
Internal solar direct reflectance ($\rho_{e,i}$)	25 %
Solar direct absorptance (α_e)	24 %
Solar direct absorptance pane 1 ($\alpha_{e,1}$)	17 %
Solar direct absorptance pane 2 ($\alpha_{e,2}$)	7 %
UV-Transmittance (τ_{UV})	1 %
Selectivity (S)∠	1.3

Thermal properties	**EN 673:2024**
Thermal transmittance (U_g)∠	1.1 W/m²K

Acoustic properties	**EN 12758:2019**
Weighted sound reduction index ($R_w(C;C_{tr})$)	NPD

Mechanical properties	
External bullet resistance ($EN1063_{hr,e}$)	NPD
Internal bullet resistance ($EN1063_{hr,i}$)	NPD
External resistance against manual attack (ball) ($EN356_{ball,e}$)	NPD
Internal resistance against manual attack (ball) ($EN356_{ball,i}$)	NPD
External resistance against manual attack (axe) ($EN356_{axe,e}$)	NPD
Internal resistance against manual attack (axe) ($EN356_{axe,i}$)	NPD

Fire resistance	**EN13501-2:2016**
Fire resistance class (EN13501-2)	NPD

Thickness and weight	
Thickness (mm)	26.38 mm
Weight (kg/m²)	25 kg/m²

Colours

External reflection | Transmission

glaCE version:
Programme: 5.02
Data: 4.0118
App: 3e0e10c9+3e0e10c94ded1fa83d19bc3bbfb0cbabd9500709

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Friday, May 22, 2026

Project: **DGU - 6,38 mm Lam. + 16 mm Spacer + 4 Low E**

Configuration: **EN2plus #5 – 33.1 EF | 16 Ar 90 | 4 EF**

Temperatures	**EN ISO 52022-3:2017**
Pane 1 (T_1)∠	31 °C
Pane 2 (T_2)∠	30 °C
Climate: Summer	
Solar radiation	500 W/m^2
Outside	
Temperature	25 °C
Heat transfer coefficient	8 W/m^{2}K
Inside	
Temperature	25 °C
Heat transfer coefficient	3 W/m^{2}K

glaCE version:
Programme: 5.02
Data: 4.0118
App: 3e0e10c9+3e0e10c94ded1fa83d19bc3bbfb0cbabd9500709

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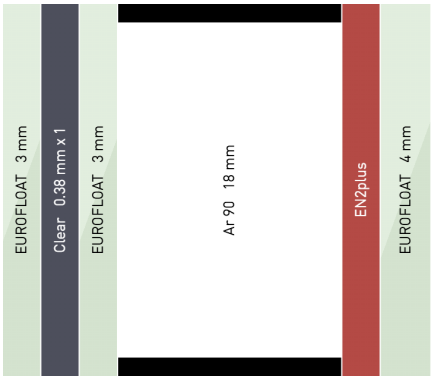
Friday, May 22, 2026

Project: **DGU - 6,38 mm Lam. + 18 mm Spacer + 4 Low E**

Configuration: **EN2plus #5 – 33.1 EF | 18 Ar 90 | 4 EF**



Tilt angle: **90°**

EN2plus #5 – 33.1 EF | 18 Ar 90 | 4 EF

EUROFLOAT 3 mm, Clear 0.38 mm x 1, EUROFLOAT 3 mm, Ar 90 18 mm, EN2plus, EUROFLOAT 4 mm

Optical properties	**EN 410:2011**
Light transmittance (τ_v)	81 %
External light reflectance ($\rho_{v,e}$)	12 %
Internal light reflectance ($\rho_{v,i}$)	12 %
General colour-rendering index (R_a)	98

Energy properties	**EN 410:2011**
Total solar energy transmittance (solar factor) (g)∠	61 %
Shading coefficient (solar factor g / 0.87) (SC)∠	70 %
Secondary internal heat transfer factor (q_i)∠	7 %
Solar direct transmittance (τ_e)	54 %
External solar direct reflectance ($\rho_{e,e}$)	22 %
Internal solar direct reflectance ($\rho_{e,i}$)	25 %
Solar direct absorptance (α_e)	24 %
Solar direct absorptance pane 1 ($\alpha_{e,1}$)	17 %
Solar direct absorptance pane 2 ($\alpha_{e,2}$)	7 %
UV-Transmittance (τ_{UV})	1 %
Selectivity (S)∠	1.3

Thermal properties	**EN 673:2024**
Thermal transmittance (U_g)∠	1.1 W/m²K

Acoustic properties	**EN 12758:2019**
Weighted sound reduction index ($R_w(C;C_{tr})$)	NPD

Mechanical properties	
External bullet resistance ($EN1063_{hr,e}$)	NPD
Internal bullet resistance ($EN1063_{hr,i}$)	NPD
External resistance against manual attack (ball) ($EN356_{ball,e}$)	NPD
Internal resistance against manual attack (ball) ($EN356_{ball,i}$)	NPD
External resistance against manual attack (axe) ($EN356_{axe,e}$)	NPD
Internal resistance against manual attack (axe) ($EN356_{axe,i}$)	NPD

Fire resistance	**EN13501-2:2016**
Fire resistance class (EN13501-2)	NPD

Thickness and weight	
Thickness (mm)	28.38 mm
Weight (kg/m²)	25 kg/m²

Colours

External reflection | Transmission

Calculations are performed according to the European standards EN 410:2011 and EN 673:2024. The values given are only indicative and subject to change without notice. They do not represent any guarantee for the performance of the glazing.
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Friday, May 22, 2026

Project: **DGU - 6,38 mm Lam. + 18 mm Spacer + 4 Low E**

Configuration: **EN2plus #5 – 33.1 EF | 18 Ar 90 | 4 EF**

Temperatures	**EN ISO 52022-3:2017**
Pane 1 (T_1)∠	31 °C
Pane 2 (T_2)∠	30 °C
Climate: Summer	
Solar radiation	500 W/m^2
Outside	
Temperature	25 °C
Heat transfer coefficient	8 W/m^{2}K
Inside	
Temperature	25 °C
Heat transfer coefficient	3 W/m^{2}K

glaCE version:
Programme: 5.02
Data: 4.0118
App: 3e0e10c9+3e0e10c94ded1fa83d19bc3bbfb0cbabd9500709