PILKINGTON

Pilkington **Spacia™**

Technical datasheet

NSG GROUP

Performance data

Values

Product Description	Light (%)			Total Transmittance (g value)*	U-value** [W/m²K]	Dimensions (rectangular shape) [mm]	
	Transmittance	Reflectance (external)	Reflectance (internal)			Min.	Max.
Pilkington **Spacia**™ STIII							
6.2 mm	78	13	14	67	1.1	200×400	1500×2400
8.2 mm	78	13	14	65	1.1	200×400	1500×2400
10.2 mm	78	13	14	64	1.1	200×400	2000×3000
Pilkington **Spacia**™ Cool							
6.2 mm	70	23	20	53	0.9	200×400	1500×2400
8.2 mm	69	23	20	52	0.9	200×400	1500×2400
10.2 mm	68	22	20	51	0.9	200×400	1500×2400
Pilkington **Super Spacia**™							
8.2 mm	69	23	20	52	0.7	200×400	1500×2400

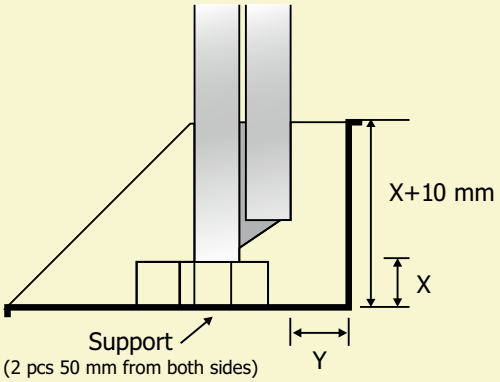
* calculated value in general accordance with EN 410
** measured value in accordance with EN 673

Sound reduction (internal measurement to EN 717-1)
R_w (C; C_{tr}) dB 35 (-1; -3)

Thickness Tolerance

- Nominal thickness 6.2 mm with a tolerance of ±0.7 mm
- Nominal thickness 8.2 mm with a tolerance of ±0.7 mm
- Nominal thickness 10.2 mm with a tolerance of ±0.7 mm

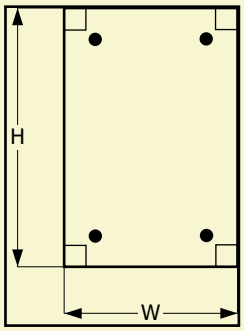
Installation detail



X and Y need to be determined by your sealant supplier, the minimum for X and Y = 3 mm

Possible shapes

Only available with product types: Pilkington **Spacia**™ STIII and Pilkington **Spacia**™ Cool.



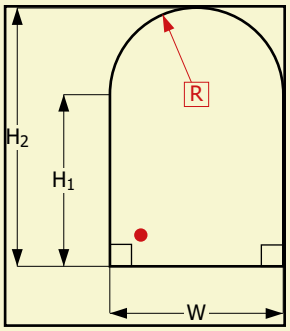
CONDITION A

Max.

H ≤ 2400 mm, W ≤ 1500 mm

Min.

H ≥ 400 mm, W ≥ 200 mm



CONDITION B

Max.

H2 ≤ 2400 mm, W ≤ 1500 mm

Min.

H1 ≥ 450 mm, W ≥ 200 mm

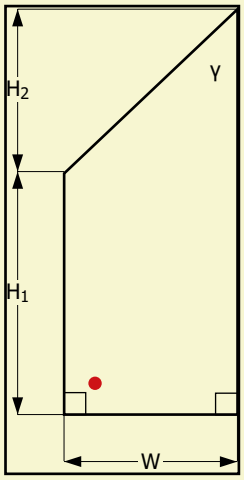
Others

H1 ≥ ½ W

H2 ≤ ½ H1

Only single radius R

Cap position: Bottom Left



CONDITION C

Max.

H1+H2 ≤ 2400 mm, W ≤ 1500 mm

Min.

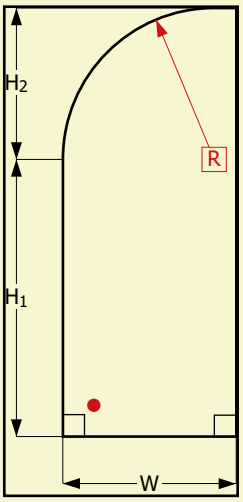
H1 ≥ 450 mm, W ≥ 200 mm

Others

H1 ≥ ½ W

H2 ≤ ½ H1

Cap position: Bottom Left



CONDITION D

Max.

H1+H2 ≤ 2400 mm, W ≤ 1500 mm

Min.

H1 ≥ 450 mm, W ≥ 200 mm

Others

H1 ≥ ½ W

H2 ≤ ½ H1

Only single radius R

Cap position: Bottom Left

Technical requirements for shapes:

Max. glass dimension for shapes = 1500 × 2400 mm

⌝ = 90° angel (a minimum of two 90° angle and two straight sides are required.)

γ = Minimum 45°

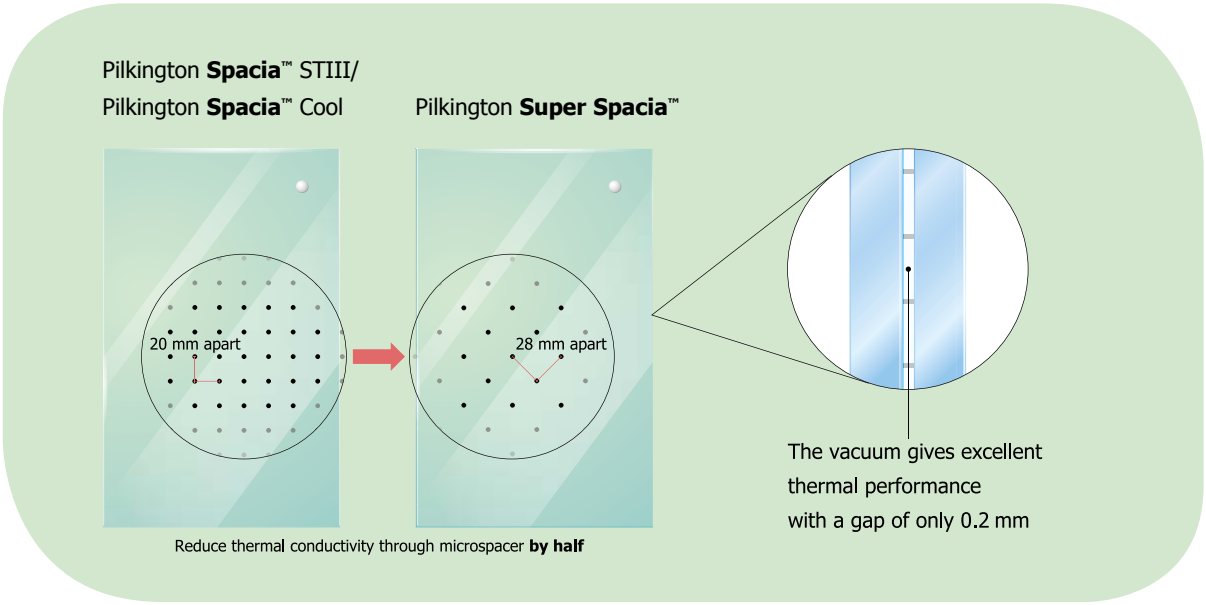
• • = Possible protection cap position

Details: Protection cap and micro spacers

Protection cap

- Diameter protection cap: 12 mm
- Colour protection cap: Black or Silver
- Location protection cap: Inside (towards room)
- Distance glass edge ↔ cap
  - vertical: 50 mm
  - horizontal: 50 mm
- Possible positions cap (rectangular shape)
  - left top/right bottom: yes/yes
  - right top/left bottom: yes/yes

Micro spacers



The technical data in this data sheet have been determined in accordance with EN 410 unless otherwise indicated.
The above performance data should be considered representative.
There may be differences within a single production run or from one production run to another,
but these are subject to manufacturing tolerances.

CE Marking confirms that a product meets the requirements of its relevant harmonised European Norm and can be placed on the market in the EU. The CE Marking Declaration of Performance for each product can be found at www.pilkington.com/ce

NSG GROUP

Pilkington Group Limited
European Technical Centre
Hall Lane – Lathom Nr Ormskirk L40 5UF – United Kingdom
marketing.communications@nsg.com
www.pilkington.com

September 2024