



# Pilkington Spacia™ 6.2 mm, 8.2 mm and 10.2 mm performance data

## Values

Product Description	Light (%)				U-value** [W/m²K]	Dimensions (rectangular shape) [mm]	
	Transmittance	Total Transmittance (g value)*	Reflectance (external)	Reflectance (internal)		Min.	Max.
<b>Pilkington Spacia™</b>							
6.2 mm	75	68	16	17	1.2	120×335	1500×2400
8.2 mm	75	66	16	17	1.2	120×335	1500×2400
10.2 mm	74	65	16	17	1.2	120×335	2000×3000
<b>Pilkington Spacia™ STII</b>							
6.2 mm	78	67	13	14	1.1	120×335	1500×2400
<b>Pilkington Spacia™ Cool</b>							
6.2 mm	70	53	23	20	0.9	120×335	1500×2400
8.2 mm	69	52	23	20	0.9	120×335	1500×2400
10.2 mm	68	51	22	20	0.9	120×335	1500×2400

\* calculated value in general accordance with EN 410

\*\* measured value in accordance with EN 673

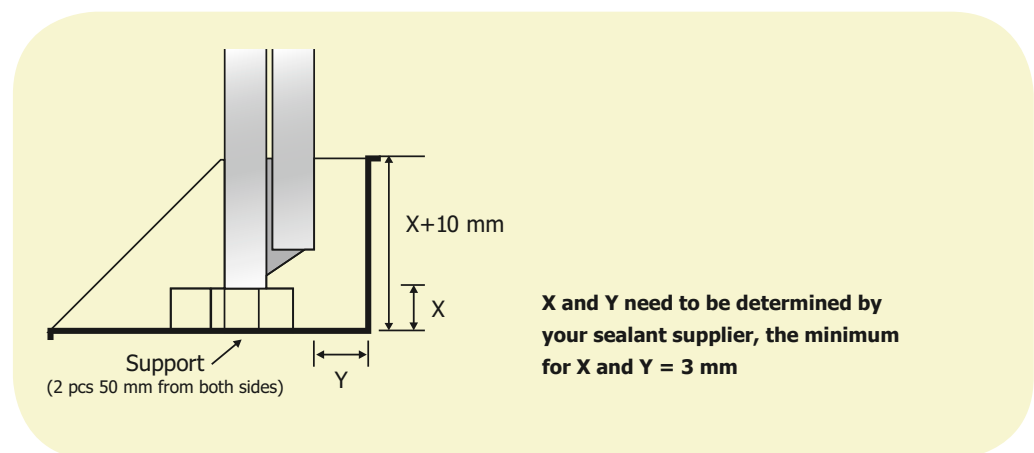
## Sound reduction (internal measurement to EN717-1)

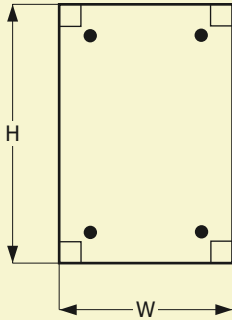
$R_w (C; C_{tr})$  dB 35 (-1; -3)

## Thickness Tolerance

- Nominal thickness 6.2 mm with a tolerance of  $\pm 0.7$  mm
- Nominal thickness 8.2 mm with a tolerance of  $\pm 0.7$  mm
- Nominal thickness 10.2 mm with a tolerance of  $\pm 0.7$  mm

## Installation detail





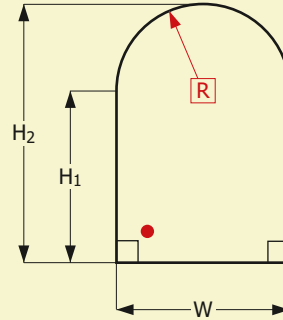
**CONDITION A**

**Max.**

$H \leq 2400 \text{ mm}, W \leq 1500 \text{ mm}$

**Min.**

$H_1 \geq 335 \text{ mm}, W \geq 120 \text{ mm}$



**CONDITION B**

**Max.**

$H_2 \leq 2400 \text{ mm}, W \leq 1500 \text{ mm}$

**Min.**

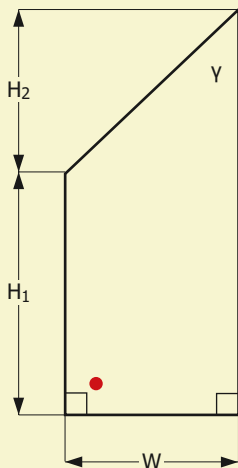
$H_1 \geq 450 \text{ mm}, W \geq 200 \text{ mm}$

**Others**

$H_1 \geq W$

Only single radius **R**

Cap position: Bottom Left



**CONDITION C**

**Max.**

$H_1 + H_2 \leq 2400 \text{ mm}, W \leq 1500 \text{ mm}$

**Min.**

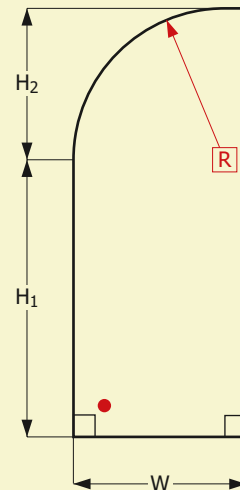
$H_1 \geq 450 \text{ mm}, W \geq 200 \text{ mm}$

**Others**

$H_1 \geq W$

$H_2 \leq \frac{1}{2} H_1$

Cap position : Bottom Left



**CONDITION D**

**Max.**

$H_1 + H_2 \leq 2400 \text{ mm}, W \leq 1500 \text{ mm}$

**Min.**

$H_1 \geq 450 \text{ mm}, W \geq 200 \text{ mm}$

**Others**

$H_1 \geq W$

$H_2 \leq \frac{1}{2} H_1$

Only single radius **R**

Cap position : Bottom Left

**Technical requirements for shapes:**

Max. glass dimension for shapes =  $1500 \times 2400 \text{ mm}$

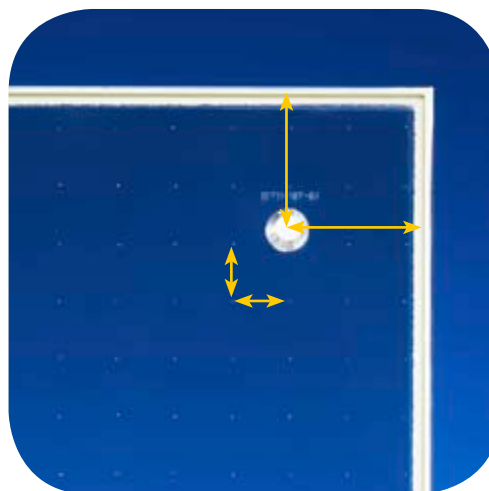
$\square = 90^\circ$  angel (a minimum of two  $90^\circ$  angle and two straight sides are required.)

$\gamma =$  Minimum  $45^\circ$

•• = Possible protection cap position

**Details**

- 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
- Distance between micro spacers
  - vertical: 20 mm
  - horizontal: 20 mm



The technical data in this data sheet have been determined in accordance with DIN 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.

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