



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.
Pilkington Spacia™							
6.2 mm	75	68	16	17	1.2	200×400	1500×2400
8.2 mm	75	66	16	17	1.2	200×400	1500×2400
10.2 mm	74	65	16	17	1.2	200×400	2000×3000
Pilkington Spacia™ STII							
6.2 mm	78	67	13	14	1.1	200×400	1500×2400
Pilkington Spacia™ Cool							
6.2 mm	70	53	23	20	0.9	200×400	1500×2400
8.2 mm	69	52	23	20	0.9	200×400	1500×2400
10.2 mm	68	51	22	20	0.9	200×400	1500×2400

* calculated value in general accordance with EN 410

** measured value in accordance with EN 673

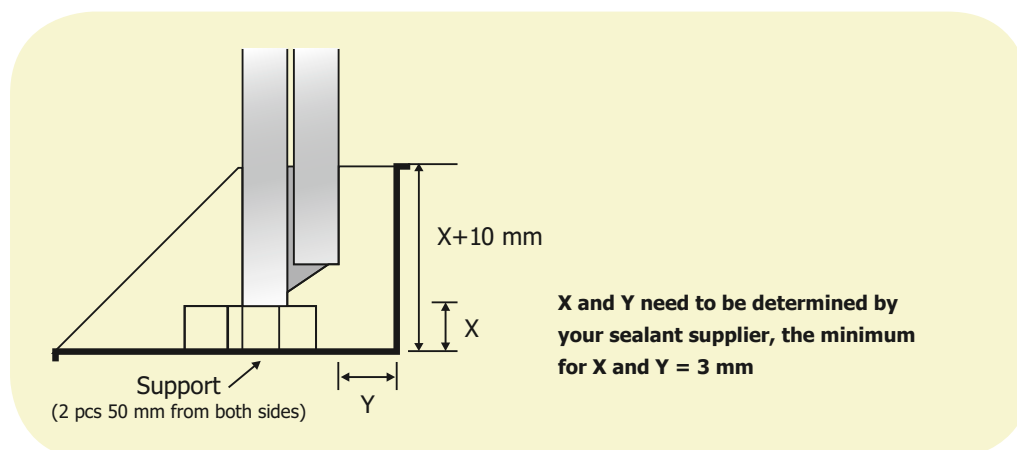
Sound reduction (internal measurement to EN717-1)

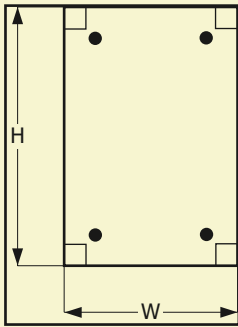
R_w (C; C_{tr}) dB 35 (-1; -3)

Thickness Tolerance

- Nominal thickness 6.2 mm with a tolerance of ± 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





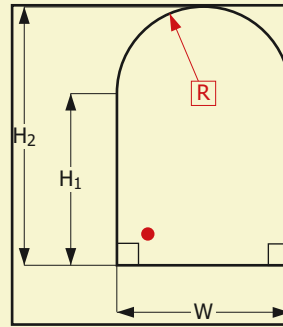
CONDITION A

Max.

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

Min.

$H_1 \geq 400 \text{ mm}, W \geq 200 \text{ mm}$



CONDITION B

Max.

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

Min.

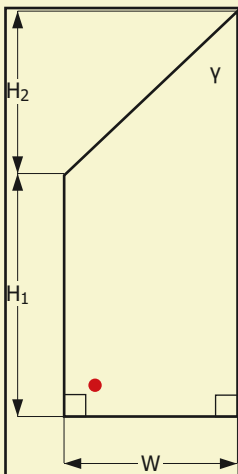
$H_1 \geq 450 \text{ mm}, W \geq 200 \text{ mm}$

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.

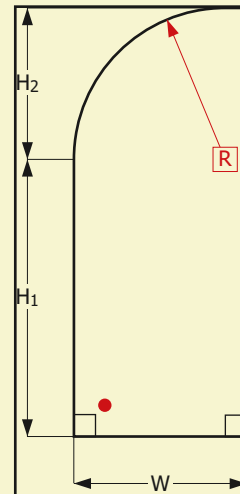
$H_1 \geq 450 \text{ mm}, W \geq 200 \text{ mm}$

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 = 1500x2400 mm

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

$\gamma =$ Minimum 45°

•• = 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.

This publication provides only a general description of the products. Further, more detailed, information may be obtained from your local supplier of Pilkington products. It is the responsibility of the user to ensure that the use of these products is appropriate for any particular application and that such use complies with all relevant legislation, standards, codes of practice and other requirements. To the fullest extent permitted by applicable laws, Nippon Sheet Glass Co. Ltd. and its subsidiary companies disclaim all liability for any error in or omission from this publication and for all consequences of relying on it. Pilkington and "Spacia" are trademarks owned by Nippon Sheet Glass Co. Ltd, or a subsidiary thereof.



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The CE marking label for each product, including declared values, can be found at www.pilkington.com/CE



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