



# Pilkington Optilam™

## Pilkington Optilam™ OW

### Technical Information

Product	Light Transmittance %	Light Reflectance %	g-value %	U-value (W/m <sup>2</sup> K)	UV Transmittance %	EN 356	EN 12600 Classification
Pilkington Optilam™ 4.4	89	8	82	5.8	3	–	3(B)3
Pilkington Optilam™ 6.4	88	8	79	5.7	3	–	2(B)2
Pilkington Optilam™ OW 6.4	91	8	86	5.7	3	–	2(B)2
Pilkington Optilam™ 8.4	87	8	77	5.7	3	–	2(B)2
Pilkington Optilam™ 10.8	86	8	74	5.6	1	P2A	1(B)1
Pilkington Optilam™ 6.8	88	8	78	5.7	1	P2A	1(B)1
Pilkington Optilam™ OW 6.8	91	8	85	5.7	1	P2A	1(B)1
Pilkington Optilam™ 8.8	87	8	76	5.6	1	P2A	1(B)1
Pilkington Optilam™ 12.8	85	8	72	5.5	1	P2A	1(B)1
Pilkington Optilam™ 7.5	88	8	77	5.7	0	P4A	1(B)1
Pilkington Optilam™ OW 7.5	91	8	83	5.7	0	P4A	1(B)1
Pilkington Optilam™ 9.5	87	8	75	5.6	0	P4A	1(B)1

Zero UV is UV transmittance less than 0.5%. Even small amounts of UV can cause fading and damage. Measured between 280-380 nm.

#### Resistance to manual attack

Category of resistance	Drop height (mm)	Number of strikes	Code designation of resistance class	Available thicknesses (mm)
P1A	1500	3 drops of 4.11kg sphere	BS EN 356 P1A	–
P2A	3000	3 drops of 4.11kg sphere	BS EN 356 P2A	6.8, 8.8, 10.8, 12.8, 16.8
P3A	6000	3 drops of 4.11kg sphere	BS EN 356 P3A	–
P4A	9000	3 drops of 4.11kg sphere	BS EN 356 P4A	9.5, 11.5, 13.5, 7.5
P5A	9000	9 drops of 4.11kg sphere	BS EN 356 P5A	10.3, 12.3
P6B	Axe strikes on broken glass	From 30 to 50	BS EN 356 P6B	15, 19.5
P7B	Axe strikes on broken glass	From 51 to 70	BS EN 356 P7B	22.6
P8B	Axe strikes on broken glass	More than 70	BS EN 356 P8B	39

For other BS EN356 Classifications please call our customer contact centre: 01744 692000

This publication provides only a general description of the product. Further, more detailed information may be obtained from your local Pilkington Building Products supplier. It is the responsibility of the user to ensure that the use of this product is appropriate for any particular application and that such use complies with all relevant legislation, standards, code 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, "Optilam" and "Optilam OW" are trademarks of Nippon Sheet Glass Co. Ltd.



CE marking confirms that a product complies with its relevant harmonised European Norm.  
The CE marking label for each product, including declared values, can be found at [www.pilkington.com/CE](http://www.pilkington.com/CE)



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