



Pilkington **Optilam™ I Colour**



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Pilkington **Optilam™** is produced by combining two or more sheets of glass with polyvinylbutyral (PVB) interlayers. It is this lamination that enables it to offer impact protection and safety. By varying the number of layers and thickness of the glass, it can offer many benefits and be used in various applications.

This option of laminated glass incorporates coloured interlayers, thus offering a wider choice of colours than body tinted glass for more design options. There are eight standard colours available; other non-standard options may be available on request.



Performance Table

Description	Thickness (mm)	Light transmittance (%)	Solar radiant heat (%)			
			Direct transmittance	Reflectance	Absorptance	Total transmission
Pilkington Optilam™ I Green 3773 6.4	6.4	71	61	6	33	70
Pilkington Optilam™ I Grey 5042 6.4	6.4	38	40	5	55	54
Pilkington Optilam™ I Translucent White 3065 6.4	6.4	60	52	6	42	63
Pilkington Optilam™ I Ocean Blue 4071 6.4	6.4	74	65	6	28	73
Pilkington Optilam™ I Brown 6.4	6.4	49	46	13	40	57
Pilkington Optilam™ I Light Brown 4055 6.4	6.4	53	48	5	46	60
Pilkington Optilam™ I Medium Brown 6028 6.4	6.4	23	25	5	70	44
Pilkington Optilam™ I Dark Brown 8009 6.4	6.4	8	12	4	83	34

Technical data have been determined in accordance with EN 410.
We recommend that a thermal safety check is undertaken when the product is to be used in construction of an Insulating Glass Unit.

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Technical Information Datasheet

Glass/Thickness	Classification	Light transmittance	Light reflectance external	Total solar heat transmittance, g	U _g -value	UV transmittance
[mm]			%		[W/m²K]	%
Safety glass¹						
Pilkington Optilam™ 4,4	2(B)2	90	8	84	5,7	4
Pilkington Optilam™ 6,4	2(B)2	90	8	83	5,6	3
Pilkington Optilam™ 8,4	2(B)2	89	8	81	5,6	3
Pilkington Optilam™ 10,4	2(B)2	89	8	80	5,5	3
Pilkington Optilam™ 12,4	1(B)1	88	8	77	5,4	3
Pilkington Optilam™ 6,8	1(B)1	90	8	81	5,6	1
Pilkington Optilam™ 8,8	1(B)1	89	8	80	5,5	1
Pilkington Optilam™ 10,8	1(B)1	89	8	79	5,4	1
Pilkington Optilam™ 12,8	1(B)1	88	8	76	5,4	1
Security glass¹						
Pilkington Optilam™ 6,8	P2A	90	8	81	5,6	1
Pilkington Optilam™ 8,8	P2A	89	8	80	5,5	1
Pilkington Optilam™ 9,5	P4A	89	8	79	5,4	0
Pilkington Optilam™ 10,3	P5A	89	8	78	5,3	0
Pilkington Optilam™ 10,8	P2A	89	8	79	5,4	1
Pilkington Optilam™ 11	P6B	89	8	77	5,2	0
Pilkington Optilam™ 11,5	P4A	89	8	77	5,3	0
Pilkington Optilam™ 12	P6B	89	8	76	5,2	0
Pilkington Optilam™ 12,8	P2A	88	8	76	5,4	1
Pilkington Optilam™ 13,5	P4A	87	8	75	5,3	0
Pilkington Optilam™ 15	P6B	87	8	73	5,1	0
Pilkington Optilam™ 19,5	P6B	86	8	72	5,1	0
Pilkington Optilam™ 20,6	P6B	86	8	70	4,8	0
Pilkington Optilam™ 22,6	P7B	85	8	69	4,7	0
Pilkington Optilam™ 29,8	P7B	83	8	65	4,7	0
Pilkington Optilam™ 32,1	P7B	82	8	64	4,4	0
Pilkington Optilam™ 39	P8B	80	7	60	4,5	0
Bullet resistant glass²						
Pilkington Optilam™ 20	BR2S	86	8	70	4,8	0
Pilkington Optilam™ 24	BR3S	84	8	68	4,9	0
Pilkington Optilam™ 26	BR4S	84	8	67	4,8	0
Pilkington Optilam™ 37	BR5S	81	7	61	4,5	0
Pilkington Optilam™ 46	BR6S	78	7	58	4,2	0
Pilkington Optilam™ 73	BR7S	70	7	49	4	0

¹ Classification according to EN 12600
² Classification according to EN 356
³ Classification according to EN 1063
Zero UV is UV transmittance lower than 0.5 %
Performance data determined in accordance with EN 410 and EN 673.

