



THERMAL PERFORMANCE

Windell use a combination of Pilkington Optilam™ and Dorma Universal Patch fittings for Interior Glazing

Product	Light Transmittance %	Light Reflectance %	g-value %	U-value (W/m²K)	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

Thermal Performance of Optilam™ colours range

Description	Light Transmittance	Solar Radiant Heat (to EN410)			
		Direct Transmittance	Reflectance	Absorptance	Total Transmission
6.4mm Pilkington Optilam™ Green 3773	0.71	0.61	0.06	0.33	0.70
6.4mm Pilkington Optilam™ Grey 5042	0.38	0.40	0.05	0.55	0.54
6.4mm Pilkington Optilam™ Translucent White 3065	0.60	0.52	0.06	0.42	0.63
6.4mm Pilkington Optilam™ Ocean Blue 4071	0.74	0.65	0.06	0.28	0.73
6.4mm Pilkington Activ Optilam™ Brown	0.49	0.46	0.13	0.40	0.57
6.4mm Pilkington Optilam™ Light Brown 4055	0.53	0.48	0.05	0.46	0.60
6.4mm Pilkington Optilam™ Medium Brown 6028	0.23	0.25	0.05	0.70	0.44
6.4mm Pilkington Optilam™ Dark Brown 8009	0.08	0.12	0.04	0.83	0.34

Tested by: Pilkington