



Pilkington **Planar Activ™**.
Continual glazing,
now continually cleaning.

Pilkington **Planar Activ™**

How can you improve on the world's leading structural glazing system?
Simple – make it self-cleaning.

With suitable silicone-free sealants now available, Pilkington **Planar™**,
the world's leading structural glazing system, can incorporate
Pilkington **Activ™** self-cleaning glass.

As well as allowing the design freedom that comes with frameless glazing,
the dual action cleaning process will not only make sure your creation stays
looking its best, but also reduce future maintenance costs.



Pilkington **Planar Activ**[™] – Selected Performance Data

	Light Transmittance	Light Reflectance		Total Solar Heat Transmittance	Total Shading Coefficient	U Value (W/m ² k)
		External	Internal			
10 mm Pilkington Optifloat [™] Clear	0.87	0.08	0.08	0.77	0.67	5.6
10 mm Pilkington Activ [™] Clear	0.82	0.14	0.14	0.78	0.68	5.6
10 mm Pilkington Activ [™] Blue	0.35	0.13	0.07	0.36	0.31	5.6
10 mm Pilkington Activ [™] Bronze	0.31	0.11	0.06	0.43	0.37	5.6
6 mm Pilkington Activ [™] Clear / 10 mm Pilkington Optiwhite [™] Planar [™] SentryGlas [®] Integral System	0.82	0.14	0.14	0.72	0.83	5.4
6 mm Pilkington Activ [™] Clear / 12 mm Pilkington Optifloat [™] Clear Planar [™] SentryGlas [®] Integral System	0.76	0.14	0.13	0.61	0.70	5.3
6 mm Pilkington Activ [™] Blue / 12 mm Pilkington Optifloat [™] Clear Planar [™] SentryGlas [®] Integral System	0.47	0.12	0.08	0.42	0.48	5.3
6 mm Pilkington Activ [™] Bronze / 12 mm Pilkington Optifloat [™] Clear Planar [™] SentryGlas [®] Integral System	0.43	0.12	0.07	0.45	0.52	5.3
10 mm Pilkington Activ [™] Blue / PVB / 6 mm Pilkington Optifloat [™] Clear	0.35	0.12	0.07	0.36	0.41	5.4
10 mm Pilkington Activ [™] Bronze / PVB / 6 mm Pilkington Optifloat [™] Clear	0.30	0.12	0.06	0.39	0.45	5.4
10 mm Pilkington Activ [™] Clear / 16 mm / 6 mm Pilkington Optifloat [™] Clear / 16 mm / 6 mm Pilkington K Glass [™]	0.61	0.26	0.24	0.56	0.49	1.2
10 mm Pilkington Activ [™] / 16 mm / 6 mm Pilkington K Glass [™]	0.68	0.22	0.20	0.68	0.59	1.7

Figures determined in accordance with the requirements of BS EN 410 and BS EN 673.



Benefits

- Create the ultimate structural glazing system incorporating dual-action self-cleaning
- Also available in blue and bronze with the additional benefit of solar control properties
- Pilkington **Activ**[™] can be laminated with many other Pilkington glass types to produce the ideal combination
- Pilkington **Planar Activ**[™] incorporated into the **Planar**[™] | SentryGlas[®] System allows thinner combinations with greater strength
- Pilkington **Planar**[™] Integral has the fixing encapsulated within the laminated glass – allowing sealed glazing with a completely flush, uninterrupted self-cleaning surface

Please note:

Pilkington **Activ**[™] requires UV from daylight and water to maximise the product's self-cleaning performance.

Pilkington **Planar Activ**[™] works most effectively if installed at a slope of 10° or greater although lesser slopes still provide substantial self-cleaning benefits.

Silicone sealants are not suitable for use with Pilkington **Activ**[™] – a new range of compatible silicone-free weather seals is now available.

For further technical, handling and installation details please refer to the Pilkington **Activ**[™] and Pilkington **Planar**[™] brochures or contact your Pilkington **Planar**[™] representative.

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