



## Pilkington **Planar Activ**<sup>™</sup> Continual glazing, now continually cleaning.

### Pilkington **Planar Activ**<sup>™</sup>

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**<sup>™</sup>, the world's leading structural glazing system, can incorporate Pilkington **Activ**<sup>™</sup> 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.



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## Pilkington Planar Activ™ – Selected Performance Data

	Light Transmittance	Light Reflectance		Total Solar Heat Transmittance	Total Shading Co-efficient	U Value W/m <sup>2</sup> K
		external	internal			
10mm Pilkington <b>Optifloat™</b> Clear	0.87	0.08	0.08	0.78	0.91	5.6
10mm Pilkington <b>Activ™</b>	0.81	0.14	0.14	0.74	0.86	5.6
10mm Pilkington <b>Activ™</b> Blue	0.35	0.13	0.07	0.38	0.44	5.6
6mm Pilkington <b>Activ™</b> + 10mm Pilkington <b>Optiwhite™ Planar™</b>   SentryGlas® Plus Integral System	0.81	0.14	0.14	0.71	0.83	5.4
6mm Pilkington <b>Activ™</b> + 12mm Pilkington <b>Optifloat™</b> Clear <b>Planar™</b>   SentryGlas® Plus Integral System	0.76	0.14	0.13	0.62	0.71	5.3
6mm Pilkington <b>Activ™</b> Blue + 12mm Pilkington <b>Optifloat™</b> Clear <b>Planar™</b>   SentryGlas® Plus Integral System	0.45	0.14	0.08	0.42	0.48	5.3
10mm Pilkington <b>Activ™</b> Blue /1.52 PVB interlayer/ 6mm Pilkington <b>Optifloat™</b> Clear Pilkington <b>Planar™</b> Laminated Glass	0.33	0.13	0.07	0.36	0.42	5.4
10mm Pilkington <b>Activ™</b> /16mm airspace/ 6mm Pilkington <b>Optifloat™</b> Clear/16mm airspace/ 6mm Pilkington <b>K Glass™</b> Pilkington <b>Planar™</b> Triple Insulating Glass Unit	0.60	0.26	0.23	0.53	0.61	1.3
10mm Pilkington <b>Activ™</b> /16mm airspace/ 6mm Pilkington <b>K Glass™</b> Pilkington <b>Planar™</b> Double Insulating Glass Unit	0.67	0.22	0.20	0.61	0.71	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
- Wide choice of glass options, including new Pilkington **Activ™** Blue offering solar control
- Pilkington **Activ™** can be laminated with many other Pilkington glass types to produce the ideal combination
- Pilkington **Planar Activ™** incorporated into the **Planar™** | SentryGlas® Plus 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.

**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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