

ACTIV™

self-cleaning glass

Activ™ self-cleaning glass saves labour, reduces the risk of damage caused by cleaning equipment, and gives windows a better appearance for longer. Activ™ has a special titanium oxide coating that breaks down organic material. Water also spreads evenly over the surface of the glass to form a thin film that washes away and dries off quickly without leaving unsightly drying spots. If it rains relatively regularly, the glass will be cleaned automatically. During dry spells Activ™ is easily cleaned by hosing down or wiping with a soft cloth and warm soapy water.

Although Activ™ has to be exposed to UV light to activate its unique properties, it does not need to be in direct sunlight. It continues working on cloudy days and during the night, and can be used in south-facing windows. Activ™ coated glass can be laminated with any SmartGlass interlayers, and it can be combined with other coatings in the SmartGlass range, such as Solarshield, SolarVue and CoolVue.

sizes

Nominal glass thickness (mm)	3	4
NS laminate thickness (mm)	6.38	8.38
Standard size (mm)	3210 x 2250	3210 x 2250

6 mm Activ™ is available on request.
4 mm Armourplate is also available.

technical note

Do not glaze Activ with silicone or with putty that contains linseed oil.

Activ™ is a sided product requiring the coating to be positioned to the outside. Care must be exercised when cutting or glazing to achieve the desired performance and appearance. It is important that the coated side be identified before cutting stock sheets.

For more information, visit www.activglass.com

Activ™ is a trademark of Pilkington plc.

how activ works

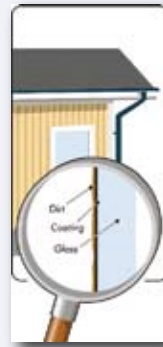


figure 1:

Coating is activated by UV light. After installation the special coating needs 5 to 7 days exposure to daylight to activate.

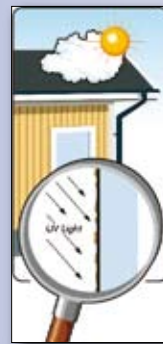


figure 2:

Organic dirt is broken down. The coating breaks down organic dirt and also reduces the adherence of inorganic dirt.

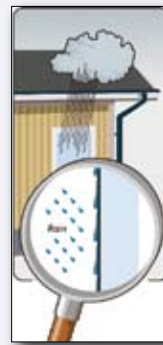


figure 3:

Rain washes dirt away. Water droplets spread out to form a 'sheet', dirt particles on surface are picked up by water and washed off glass.