



## Notice

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# Buildingtalk



The latest news for Architects, Civil Engineers and Building Services Contractors

## Solar Gard Sentinel Window Film protection

A **Bekaert** product story

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**Benefits of Solar Gard Outside Weatherable Window Films for external installations include blocking harmful UV rays and reducing glare on computer screens in the work environment.**

A new external window film by Solar Gard is opening up opportunities for British building owners with low-e, laminated or wired glazing on their windows and other large glass facades, where previously, windows with these **glazing systems** have been unsuitable for traditional internal window film installation.

This was due to either limited internal access or the physical properties of the glass itself.

As a result of this many building owners have been unable to reap the full benefits that window film delivers such as...

- blocking up to 99 per cent of damaging UV radiation which causes skin cancer and fading to furniture.
- reducing glare and hot spots that decrease office productivity.
- blocking solar gain which helps reduce the need for **air conditioning** systems.

The new film comes in two options; Solar Gard Sentinel Silver 20 and Silver 35.

Being installed on the outside of the glass, both films block heat from entering through the glass which reduces the risk of glass breakage, a rare but critical issue for buildings with large vertical or sloping glass facades.

Peter Reece, managing director of Solar Gard UK, said: "It's a common misconception among UK facility managers that window film had to be applied on the inside of the building".

"However, with these new Outside Weatherable (OSW) films, every commercial property can now benefit from window film, even in multi-tenant buildings where daytime access to different offices once posed a logistical installation challenge".

Occupants of commercial properties outfitted with OSW window film are protected from damaging UV rays that cause skin cancer and fading to furniture, artwork, carpets and more.

With window film creates a more comfortable work environment with less eye strain by reducing solar glare.

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With more stable temperatures, some business owners even claim productivity increases.

Facility and operations managers installing OSW films are able to save energy, lower their air conditioning bills and reduce their carbon footprint.

The 2 Mil films in the Solar Gard Sentinel series...

- offer low visible light transmittance (VLT) to significantly reduce glare.
- reject up to 86 per cent of total **solar energy**.
- maintain the low-e functionality of the glass while simultaneously reducing the risk of glass breakage and seal failure.
- are easy to clean, durable and scratch resistant and protect glazing from dirt and other air pollutants.

All Solar Gard Sentinel films are competitively priced and carry a 5-year vertical warranty and 2-year sloped warranty.

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