

Saflex® UV

Blocks up to 99% of harmful UV rays up to 400 nm¹



Let the light in. Keep UV rays out.

In architectural design, natural light is visually appealing because it's dynamic. It's emotionally appealing because it connects us with the outside world. And it's practical because many sustainable designs now call for effective daylighting. But natural light also brings damaging UV rays.

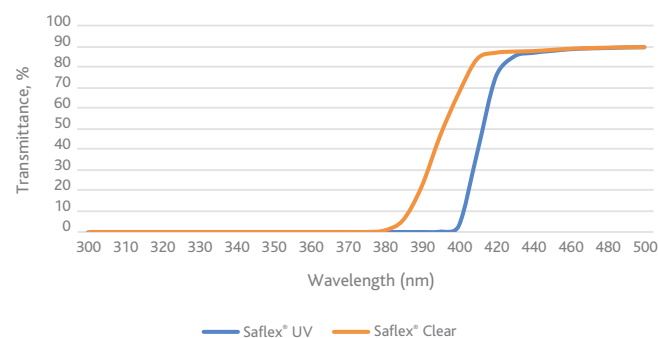
With Saflex® UV PVB interlayers, you can design to let sunshine in without worrying about UV radiation prematurely fading drapes, curtains, carpet, furniture, hardwood floors, wallpaper, photographs, framed documents, artwork, and anything else your clients like to show off indoors . . . including their skin.²

Conventional Saflex PVB interlayers have a 99% UV screening capability to 380 nm. Saflex UV, however, screens 99% up to 400 nm. Useful for many applications, this level of UV protection is ideal for museums, storefronts, libraries, and switchable/smart glazing with sensitive layers such as liquid crystals.

Saflex UV has the capability to meet or exceed many regulations for laminated safety glazing when properly selected, laminated, and installed. Plus, Saflex UV is specifically formulated to provide exceptional durability when exposed to natural weathering; natural and accelerated exposure testing has indicated

exceptional color fastness, durability, and resistance to delamination when exposed to heat and humidity.

Saflex UV interlayers also provide all the benefits of safety glazing, glass shard containment, structural integrity, sound abatement, security, and storm protection when used in the proper configurations.



Applications

- Museums, archives, galleries
- Restaurants, hotels, holiday resorts
- Hospitals
- Daycare centers
- Libraries
- Switchable/smart glazing

¹ Calculated in accordance with ISO 13837 method A.

² Fading and deterioration can occur with exposure to radiation in the ultraviolet (UV) and visible light range.

Blocking UV radiation will help deter fading but in no case will the blockage of one radiation band completely eliminate fading.



Additional benefits of laminated glass

In addition to proven UV performance, Saflex interlayers deliver other benefits inherent with laminated glass, including:

- Protecting building occupants and pedestrians from falling or flying glass generated by accidental glass breakage
- Providing burglary and forced-entry resistance, ballistic protection, and bomb-blast resistance
- Providing hurricane impact-resistant technology in glazing systems
- Reducing the transmission of unwanted sound into or within a building's environment

Saflex® UV product offering

Product nomenclature	Thickness (mm)	Roll width	Roll length	Color	Form
RB4U	0.76 mm	45–322 cm	250 m	Clear	Refrigerated

For technical product information, contact your regional Saflex account representative.

Architects and designers trust Saflex.

Around the world, architects and designers trust Saflex when performance and safety are their most critical concerns. The reason for their confidence is simple. No matter what the specifications or performance targets, Saflex interlayer technology delivers advanced glazing performance for demanding applications.



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