

Description : thanks to its capacity to absorb ultraviolet rays, the IR 50 rejects, 50% of the heat and reduces UV radiation by more than 99% up to 380 nm. This film lets the natural luminosity without altering the transparency of the glass. Solar protection films are made of two solid hermetically metalized polyester layers, an adhesive and a protection liner. This film has an anti-scratch treatment.

For : for all types of glass.

Application method : interior surface with soapy water.

Glass maintenance : the film may be cleaned with soapy water, 30 days after the application. Any abrasive products that could scratch the film, are not recommended. Do not apply any stickers, or any other type of adhesives on the film.

Durability : 12 to 15 years for vertical application in Central Europe.

Storage : 2 years from the delivery date. This film has to be kept away from excessive humidity. It also has to be stored away from direct sunlight at a temperature under 38°C.

Important factors : the glass surface used must be entirely dirt free and any grease or other filth must be removed prior to installation. Gas may be given off from certain polycarbonate surfaces. Users are recommended to carry out a trial beforehand to avoid bubbling issues.

CSTB - Test N° : CPM 10 / 260 25156

Material	Polyester 46 microns
Adhesiv	Acrylic polymer 19 gr/m ²
Metallization	Sputter
Tint	Champagne
Release liner	Siliconed polyester 23 microns
Application	Internal
Total solar reflection	41 %
Total solar absorption	15,8 %
Total solar transmission	42 %
Visible light transmission	60 %
Total solar energy rejected	52,1 %
U.V. transmission	1 %
Thermal resistance	From -20°C to 80°C
Application temperature	Minimum 5°C
Dimensions	1.52 m x 2.5 m 1.52 m x 10 m 1.52 m x 30 m 60'' x 8,34' 60'' x 33,34' 60'' x 100'

Fire performance class

M1

Please make sure to match the correct specifications when applying your film. You may follow the glass compatibility guideline, especially concerning thermal stress.

Please note that Reflectiv does not guaranty the glass quality or the incorrect use of its films and claims the possibility of changing the production process or tints without previous notification.