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 Nº : CPM 10 / 260 25156

Adhesiv Acrylic polymer 19 gr/m²  Metallization Sputter  Tint Champagne  Release liner Siliconed polyester 23 microns  Application Internal  Total solar reflection 41 %  Total solar transmission 42 %  Visible light transmission  Total solar energy rejected  U.V. transmission  Thermal resistance  Application temperature  Dimensions  Polyester 46 microns  Acrylic polymer 19 gr/m²  Shutter  All Ward  All W			
Metallization Sputter  Tint Champagne  Release liner Siliconed polyester 23 microns  Application Internal  Total solar reflection 41 %  Total solar absorption 42 %  Visible light transmission 52,1 %  U.V. transmission  Thermal resistance From -20°C to 80°C  Application temperature  Dimensions  Metallization Sputter  Champagne  Siliconed polyester 23 microns  41 %  60 %  Total solar 42 %  15,8 %  From -20 %  Minimum 5°C  1.52 m x 2.5 m  1.52 m x 30 m  60'' x 8,34' 60'' x 33,34'  60'' x 33,34'	Material	Polyester 46 microns	
Tint Champagne  Release liner Siliconed polyester 23 microns  Application Internal  Total solar reflection 15,8 %  Total solar transmission 42 %  Visible light transmission 52,1 %  U.V. transmission From -20°C to 80°C  Application temperature Minimum 5°C  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"	Adhesiv		
Release liner  Siliconed polyester 23 microns  Application  Internal  Total solar reflection  Total solar absorption  Total solar transmission  Visible light transmission  Total solar energy rejected  U.V. transmission  Ther mal resistance  Application temperature  Dimensions  Siliconed polyester 23 microns  41 %  For all %  For absorption  15,8 %  60 %  For absorption  42 %  For absorption  42 %  For absorption  42 %  For absorption  42 %  For absorption  For absorption  For absorption  For absorption  1 %  For absorption  1 %  For absorption  For absorption  1 %  For absorption  1 %  For absorption  For absorption  1 %  For absor	Metallization	Sputter	
Application Internal  Total solar reflection 41 %  Total solar absorption 15,8 %  Total solar transmission 42 %  Visible light transmission 52,1 %  U.V. transmission From -20°C to 80°C  Application temperature 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"	Tint	Champagne	
Total solar reflection  Total solar absorption  Total solar transmission  Visible light transmission  Total solar energy rejected  U.V. transmission  Thermal resistance  Application temperature  Tital solar energy rejected  Thermal resistance  Application temperature  Tital solar energy rejected  Thermal resistance  From -20°C to 80°C  Application temperature  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"	Release liner		
Total solar absorption  Total solar transmission  Visible light transmission  Total solar energy rejected  U.V. transmission  Thermal resistance  Application temperature  Tish man solution temperature  Thermal resistance  I.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"	Application	Internal	
absorption  Total solar transmission  Visible light transmission  Total solar energy rejected  U.V. transmission  Thermal resistance  Application temperature  Dimensions  15,8 %  42 %  60 %  52,1 %  1 %  From -20°C to 80°C  Minimum 5°C  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"		41 %	
transmission  Visible light transmission  Total solar energy rejected  U.V. transmission  Thermal resistance  Application temperature  Dimensions  Thermal 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"		15,8 %	
transmission  Total solar energy rejected  U.V. transmission  Thermal resistance  Application temperature  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"		42 %	
## Color of the image of the im		60 %	
Thermal resistance  Application temperature  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"		52,1 %	
From -20°C to 80°C		1 %	
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"		From -20°C to 80°C	
1.52 m x 10 m 1.52 m x 30 m 60" x 8,34" 60" x 33,34"		Minimum 5°C	
60'' x 33,34'	Dimensions	1.52 m x 10 m	
		60'' x 33,34'	



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 Réflectiv 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.



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