Skyfol

Flux

the future of window film has arrived

THE WORLD'S FIRST PHOTOCHROMIC FILM HAS ARRIVED TO EUROPE! YOU NEED A FILM THAT IS LIGHT WHEN IT IS DARK OUTSIDE, BUT GETS DARKER UNDER SUNSHINE? YOU WOULD ALSO PREFER HIGH HEAT REJECTION AT ALL TIMES? SKYFOL FLUX IS CAPABLE OF THIS.

The future is here, **Skyfol Flux** is a revolutionary breakthrough on the market of window films, that brings the advantages of photochromic glass to our industry. From now on you can turn any regular glass into photochromatic, that means under the sunlight the glass will get darker, **while without sunlight it will get lighter again.** During daytime Skyfol Flux will filter the annoying visible light, while during night or cloudy days it will let more light to pass through. Meanwhile Skyfol Flux **strongly filters the infrared radiation**, thus increasing the comfort in cars or lowering the amount of energy getting into buildings.

Strong heat rejection

Due to its structure and technology Skyfol Flux has **high heat rejection regardless the actual darkness of the film**.

Flux for cars

Skyfol Flux V series has been developed for cars, due to the nano particles used in its composition it is hihly heat rejective.

Flux

Flux for buildings

Skyfol Flux S series has an effective and strong heat rejection due to its multi layer sputtered technology.

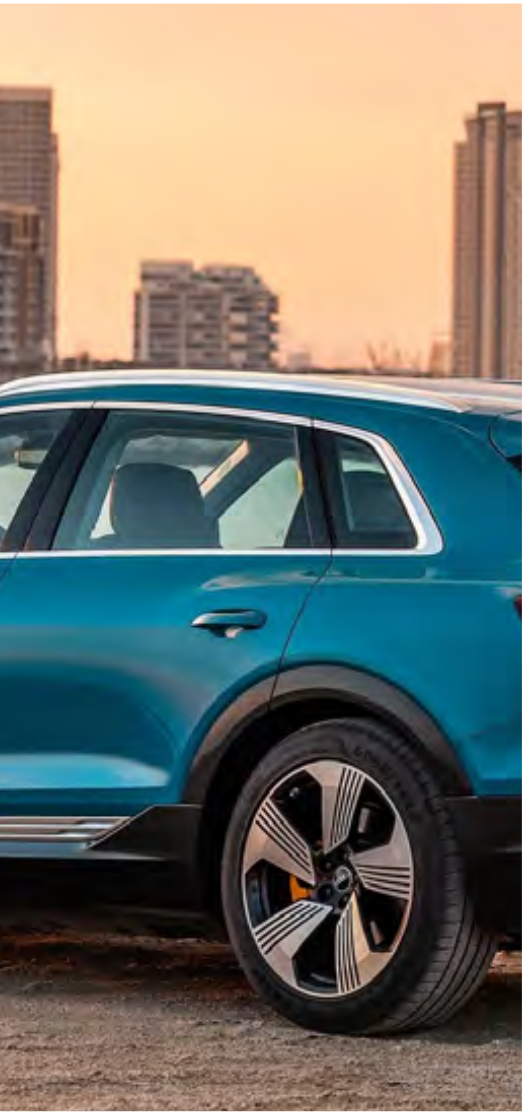
Changing darness

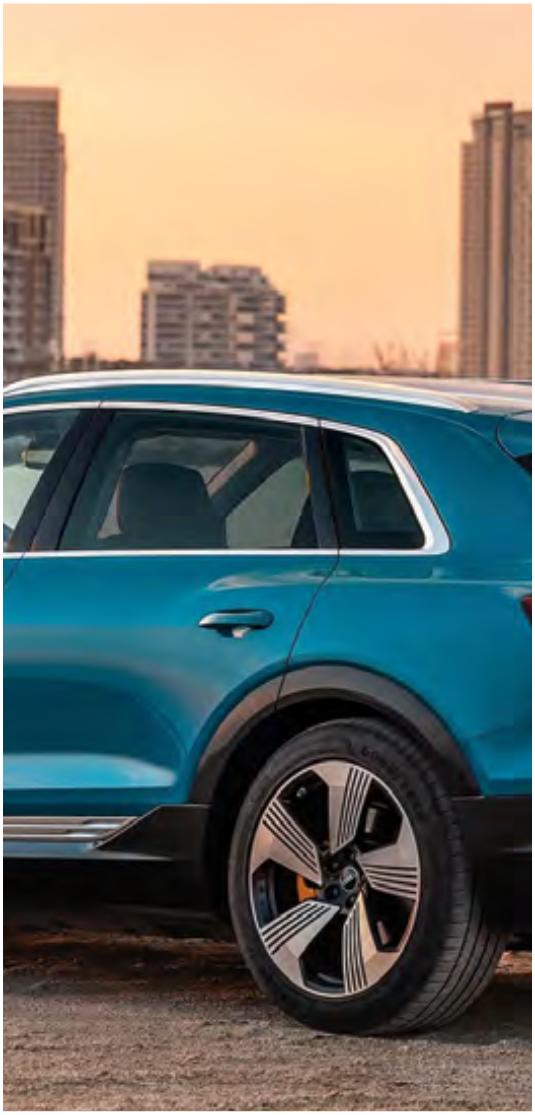
Skyfol Flux has photochromatic features, gets darker when hit by sunlight, **then gets light again without it.**

HOW IS SKYFOL FLUX DIFFERENT?

Skyfol Flux is a brand new technology in the window film industry. The photochromatic technology has been paired with the highest heat rejective clear film solutions respectively.

	Skyfol Flux	Ceramic / IR / spectrally selective window films	Traditional heat rejective window films
Heat rejection	The automotive version contains nano particles to ensure maximum heat rejection. The architectural version utilizes multi layer sputtered technology, thus reaching high heat rejection while low absorbing.	Ceramic / IR automotive films have high heat rejection, ehile spectrally selective architectural films effectively filter heat, even on advanced glazings.	Aluminium metallized layer results mediocre heat rejection in case of automotive films, effective in case of architectural darker film, but very reflective.
Haze	Crystal clear	Crystal clear	Crystal clear
Light reduction	Photochromic, gets darker when hit by sunlight, then gets back lighter when there is no sunlight.	Fix visible light transmission, that is the same under all circumstances.	Fix visible light transmission, that is the same under all circumstances.
UV rejection	99%	99%	99%
Safety	In case of glass breakage splinters are held together	In case of glass breakage splinters are held together	In case of glass breakage splinters are held together





Technical data

SKYFOL FLUX V – THE PHOTOCHROMIC AUTOMOTIVE WINDOW FILM

	Skyfol Flux V7025	
Total Solar Energy Transmission	**36%**	**33%**
Totatal Solar Energy Rejected	67%	69%
Visible Light Transmission	69%	25%
Visible Light Reflection	10%	10%
UV Rejection	99%	99%
Warranty	10/5 years	10/5 years

SKYFOL FLUX S – THE PHOTOCHROMIC ARCHITECTURAL WINDOW FILM

	Skyfol Flux S7020		Skyfol Flux S4518	
Total Solar Energy Rejection	**61%**	**65%**	**69%**	**73%**
Total Solar Energy Transmission	39%	36%	31%	27%
Total Solar Energy Reflection	9%	9%	15%	15%
Total Solar Energy Absorbtion	28%	31%	35%	38%
Visible Light Transmission	75%	30%	45%	20%
Visible Light Reflection (exterior)	11%	11%	10%	10%
Visible Light Reflection (interior)	8%	8%	9%	9%
Glare reduction	10%	41%	45%	64%
Solar Heat Gain Coefficient	0,47	0,43	0,41	0,40
Shading Coefficient	0,54	0,50	0,49	0,46
Infrared rejection	86%	90%	90%	92%
U value	1,9	1,9	1,7	1,7
Emissivity	0,9	0,9	0,9	0,9
UV rejection	99%	99%	99%	99%

Warranty

Skyfol Flux is warranted for a period of 10 years against delamination, demetallization, peeling, bubbling and adhesive failure. Photochromic reactions are warranted for a **period of 5 years**. For full warranty policy please contact Skyfol at info@skyfol.com.

Your installer