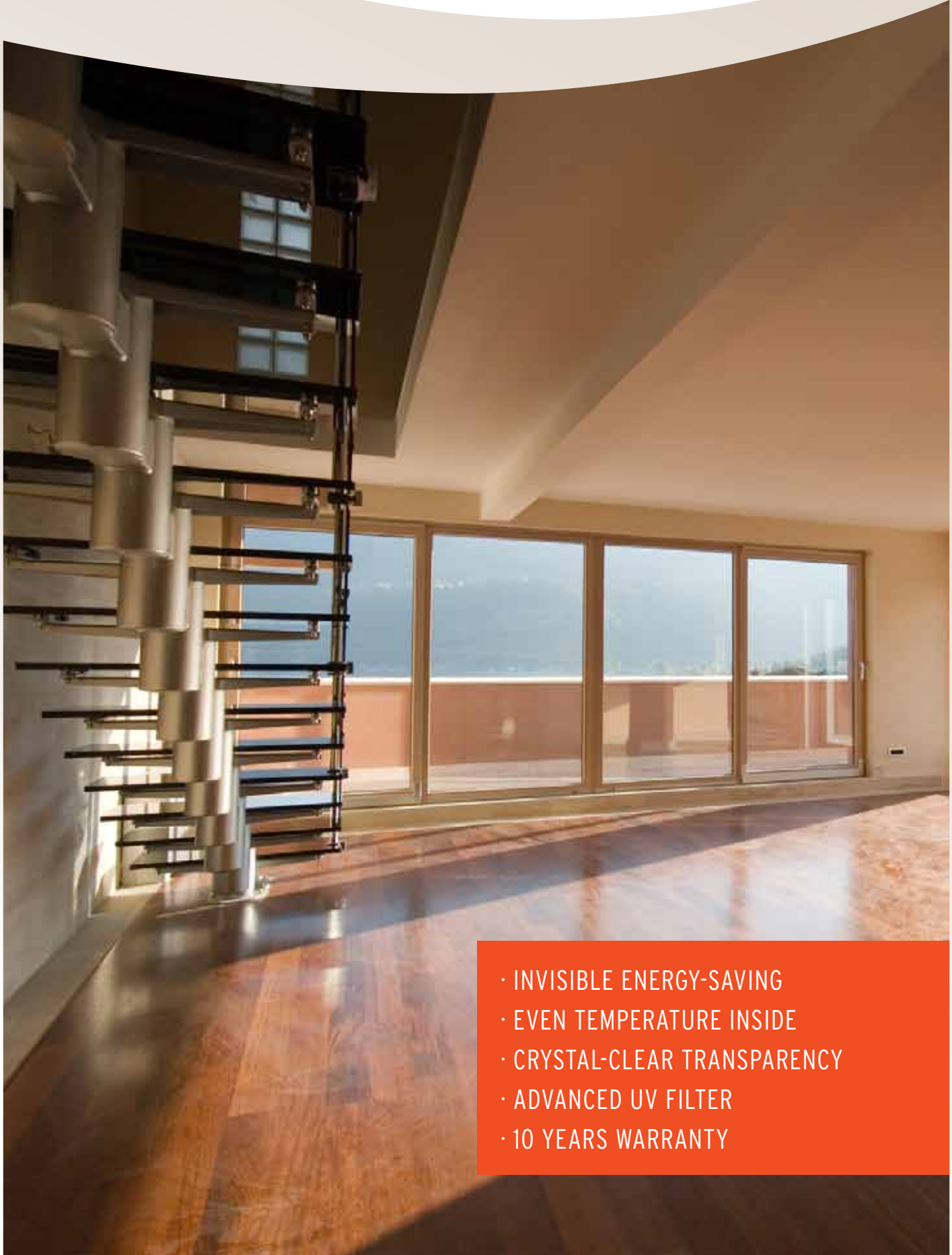


ThermoProtect Films

Effective protection against heat!



- INVISIBLE ENERGY-SAVING
- EVEN TEMPERATURE INSIDE
- CRYSTAL-CLEAR TRANSPARENCY
- ADVANCED UV FILTER
- 10 YEARS WARRANTY

ThermoProtect Films

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SKYFOL THERMOPROTECT P SERIES THE EFFECTIVE SOLUTION

The energy coming to the glass surface is divided into three components: reflected energy, transmitted energy and absorbed energy. The absorbed energy is irradiated by the glass unit; ca. 90% of this energy heats the inside spaces in case of double-glazed soft metal-coated windows (low-e), decreasing the effectiveness of the applied technology. Thanks to their special metal structure, the films of the SkyFol ThermoProtect P series have a low heat-absorption, therefore they show an outstanding effectiveness. Compared to the films produced by a traditional technology with a generally high absorption, the films of the SkyFol ThermoProtect P series have 30-40% better performance. The explanation for the better performance is the NSN (nickel-silver-nickel) metallization applied in the films of the ThermoProtect P series. Silver reflects infrared

radiation in an especially effective way, while the nickel-coats reduce the reflection of visible light. The series is available with three light transmission properties, securing individual needs whether invisible heat protection solutions or intensive light protection are required.

Besides their intensive heat protection properties, films belonging to the SkyFol ThermoProtect P series filter out UV-radiation to 99%. In this way they protect your health and your furniture from glare. SkyFol window films are treated with an industrial scratch-proof double coat, securing a spotless appearance in the long run. Like all SkyFol ThermoProtect films, the P series is produced in the United States of a high quality raw material and under a strict quality assurance system.



	P 35	P 50	P 70
Visible light transmittance	32%	50%	68%
Visible light reflection	46%	35%	20%
Infrared rejection	92%	90%	70%
UV rejection	99%	99%	99%
Solar energy rejection	72%	61%	45%
Solar energy absorption	39%	34%	31%
Solar energy reflection	42%	36%	23%
Solar energy transmittance	19%	30%	46%