Heat Mirror

The latest in insulating glazing in 2007

EKO HELP
Our products help the environment protection.

EVROPSKÁ 5x NEJ PREMIÉRA

NEW!

INTERM® TF SPORO

The most complex insulation glass on the market

FIVE STRENGTHS of INTERM TF SPORO STANDART

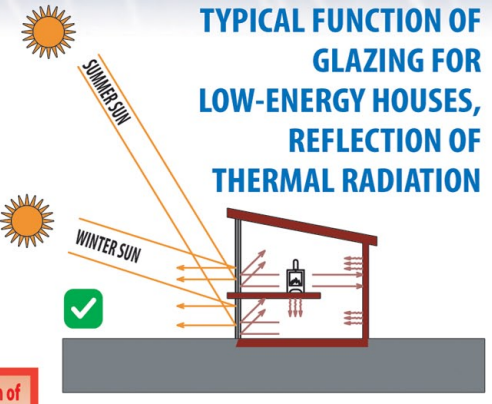
1. *The best insulating abilities*
2. *The lowest weight*
3. *The most effective barrier against UV radiation*
4. *The most favourable surface temperatures within the meaning of ČSN 730540 – protection against condensation of water vapours*
5. *The best noise reduction*

For the width of glazing 24 mm and Ug=0.6W/m2K

Trade name	Tvis (%)	g (%)	noise reduct. (dB)	Tvis/g	RHG W/m²	fill	Ug dle EN (W/m²k)	width of glazing
INTERM TF SPORO st. 0,6*	69	48	34	1,4	354	krypton	0,6	24

*) max. measurement of INTERM TF SPORO st. 0,6 is 1800x1300mm or maximally up to 2m² -it is not possible to combine with different type of glass (ornaments, reflex, CN)

TYPICAL FUNCTION OF GLAZING FOR LOW-ENERGY HOUSES, REFLECTION OF THERMAL RADIATION

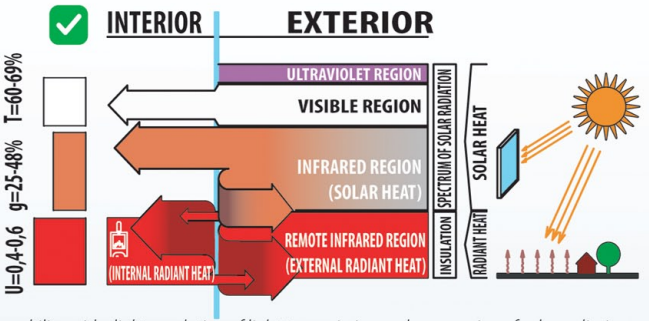


Low-energy buildings and other objects requiring the best insulating ability with relatively high transmission of light and slight regulation of solar gain

Trade name	Tvis (%)	g (%)	noise reduct (db).	Tvis/g	RHG W/m²	t₁	t₂	fill	coefficient U acc. EN (W-m²k / width of glazing							
									frame 2x10mm		frame 2x12mm		frame 2x14mm		frame 2x16mm	
INTERM TF SPORO standart	69	48	34	1,4	354	-14,2	17,4	argon					0,6	37	0,6	41
								krypton	0,5	29	0,5	33				
INTERM TF SPORO extra	60	27	34	2,2	197	-14,3	17,9	argon					0,6	37	0,6	41
								krypton	0,5	29	0,4	33				
INTERM TF SPORO super	62	35	>34	1,8	258	-14,5	18,8	krypton			0,3	44				

legend * important recommended value • The width of glazing is within the v tolerance of ± 1 mm
(calculated according to Window 5 software)

LOW-ENERGY HOUSES TRANSMISSION CHARACTERIZATION



High insulating ability with slight regulation of light transmission and suppression of solar radiation

SUMMARY ACCORDING TO THE TYPES OF INTERM® SPORO

Marking	Thickness of glazing	Ug (W/m²K)	Rw (dB)	Security class
INTERM® TF SPORO	23 to 44	0,3 to 0,8	34 to 35	
INTERM® TF SPORO acoustic	28 to 50	0,3 to 0,8	34 to 51	
INTERM® TF SPORO securit₆	28 to 50	0,3 to 0,8	39 to 45	P1A to P8B

The concept of insulation glass INTERM TF SPORO enables to meet wide range of requirements for up-to-date insulating glass.

Not a single unnecessary kilowatt more, nobody can take the heat of your home

The main design principle is to eliminate all heat loss so that heating costs are kept to a minimum. Doors and windows are the main sources of heat loss and so it is essential that the most effective insulating materials are used, such as INTERM TF SPORO glazing units. The INTERM TF SPORO glazing units ensure that the maximum amount of heat energy is retained within the structure thus keeping heating costs to a minimum. As the amount of heat energy required is low, low input heating systems such as heat pumps and heat exchangers can be used. This further reduces the build cost and the environmental impact of the finished building.

INTERM TF SPORO glazing units achieve a very high insulating co-efficient through the utilisation of a multi-chambered system which includes several thermal foils. This system, with its highly advanced foil coatings, ensure that the majority of radiated energy is retained within the building, while at the same time allowing enough light to pass through the glazing unit. Thermal foil glazing units are unrivalled in their ability to meet the elevated standards of insulation required for low energy buildings and are leading the way in helping to reduce the carbon footprint of buildings in which they are installed.

...more than a glass

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