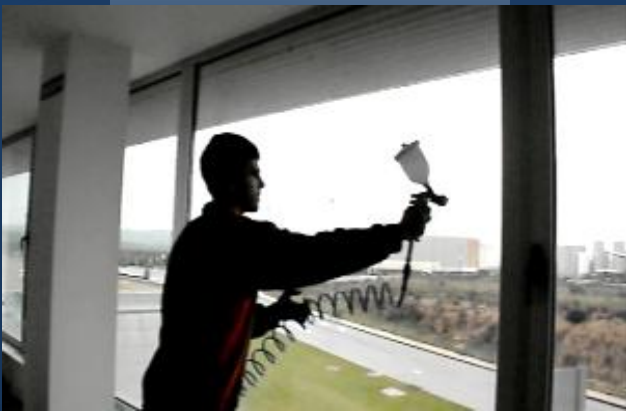


Tecnadis **HEAT**SHIELD

*Ultimate heat-barrier
treatment for glass*



- *Reaches Temperature decrease of 25% approx. inside glazed spaces*
- *Energy savings up to 60% approx.*
- *High resistance to UV radiation*

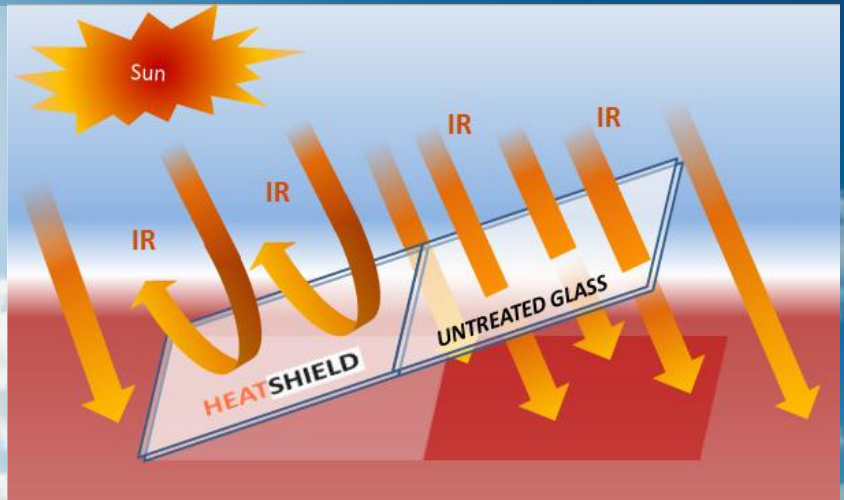
What is Tecnadis HEATSHIELD?

Tecnadis HEATSHIELD

Is an innovative **nano-technology based coating** which blocks out the passing of Infrared (IR) solar radiation.

Its outstanding blocking capacities achieve a decrease of about 25 %, reducing air conditioning demands in glass buildings.

It is transparent, easy to apply and highly durable.



Advantages

TEMPERATURE REDUCTION GRADUABLE

THE TREATMENT REACHES **TEMPERATURE REDUCTION OF 25% APPROX.**, BEING THIS RATE ADJUSTABLE BY THE AMOUNT OF PRODUCT DEPOSITED OVER THE GLASS SURFACE

VERY EASY TO APPLY

VERY EASY TO APPLY WITH A **CONVENTIONAL SPRAY GUN OR USUAL CLEANING TOOLS** (ARTICULATED SPONGE, CLOTH, ETC). UNLIKE OTHER PRODUCTS CURRENTLY AVAILABLE IN THE MARKET, «CASCADE» METHOD IS NOT NECESSARY IN THIS CASE.

TOTALLY TRANSPARENT

THE COATING **KEEPS UNALTERED THE VISUAL APPEARANCE** OF THE GLASS.

HIGHLY DURABLE

RESISTANCE TO CONVENTIONAL CLEANING PROCEDURES WITH CLEANERS / CHEMICAL PRODUCTS, KEEPING UNALTERED ITS BLOCKING CAPACITIES. ALSO RESISTANT TO UV RADIATION, UNLIKE FILM-BASED AVAILABLE SOLUTIONS. **DURABILITY: 10 YEARS** UNDER PROPER APPLICATION AND USAGE CONDITIONS.

IMPORTANT ENERGY SAVING

ENERGY CONSUMPTION REQUIRED FOR COOLING A ROOM IS SIGNIFICANTLY LOWER THAN UNTREATED GLAZED SPACES. THE COATING ACHIEVES **SAVINGS RATES IN AIR CONDITIONING OPERATION SYSTEMS UP TO 60% APPROX.**

HIGHLY COMPETITIVE PRICE

ITS **HIGH PERFORMANCE (35 m²/L or 28-30 ml/m² for a standard protection layer)** AND EFFICIENCY MAKE IT ONE OF THE MOST EFFECTIVE SOLUTIONS CURRENTLY AVAILABLE IN THE MARKET.



1. *The glass surface must be totally clean and dry. Remove completely any residual detergents and cleaners.*
2. *Application can be carried out using an air gun, but also or other cleaning tools: articulated sponge, cloth, etc. Treat the inner face of the glass.*
3. *Product yield approx. 28-30 ml/m² (35 m²/l) for a standard protection layer. Possibility of augmenting the blocking rate by applying additional layers of the product.*
4. *Fast drying at room Temperature, performing IR blocking immediately. Do not subject the glass surface to any abrasive process or cleaning during the first 48-72 hours.*

¿Why Tecnadis **HEATSHIELD**?

Energy consumption required to cool 200 m³ up to 23° C:

UNTREATED → Starting T^a 40° C: 1966,5 Kcal (7803,8 BTU)

TREATED → Starting T^a 30° C: 809,7 Kcal (3213,3 BTU)



“A 10° C reduction implies in this case an energy saving of 60% approx”

- ✓ Easy to apply
- ✓ Excellent IR blocking behaviour
- ✓ High energy saving

“Keep your places cool before summer arrives!”



Find out more about
the product on

www.tecnan-nanomat.es

Totally transparent

Easy to apply

Energy savings up to 60% approx.

High resistance to conventional cleaning procedures

Resistant to UV radiation

