



Transformez votre projet avec Suberlev de Falconstema, une innovation en isolation thermique et acoustique.

Thermal film NANOCERAMIC



Fiche Technique

DESCRIPTION

Thermal films based on nanotechnology, ceramic microspheres, applicable both for vehicles as in architecture, with a high thermal rejection and reflection of the infrared rays, this being the wavelength range with the highest calorific value. While it retains a 70% visible light transmission, which makes it almost transparent.

PROPERTIES

- Reduce heat in summer.
- Limit heat loss.
- Reject infrared and ultraviolet rays.
- Scratch resistant.
- In case of glass breakage, the film holds the glass pieces together.
- Durable.

APPLICATION

Recommended for:

- Avoids heat from the summer sun radiation.
- Limits heat loss through radiation and conductivity.

SURFACES

- The support must be smooth and clean glass.
- Must not be installed on frosted, textured glass, plastic, polypropylene surfaces or cracked, scratched or defective glass.

SURFACE PREPARATION

- Carefully remove the back cover from the film. Make sure the adhesive does not come into contact with clothing or other objects that could deposit dust. If this happens, it is advisable to throw away this piece of film.
- Avoid leaving the thermal film too long without its back protection to prevent it from getting dirty. Keep the film flat to prevent it from bending. If it does, separate it carefully.

INSTRUCTIONS

- Before applying the film, generously spray a soapy solution on the glass surface and film. This solution facilitates the positioning of film.
- Once the film is in place, spray a soapy solution on the film so that the squeegee glides easily and removes any bubbles. Slide the raclette from top to bottom in the center and then from the center to the sides. Spray the solution before each run of the squeegee or wrap it in a damp cloth to help remove excess moisture. If you are not satisfied with the installation of the film (for example, persistent bubbles or particles between the film and the glass), you can remove it and reposition it within 24 hours.
- Use a cutter to cut off the excess film, leaving a 1 mm gap from the edge of the window frame, so that the edges of the film do not rise when the glass expands or contracts. Once the excess film has been cut, it is recommended to re-wet the film and run the squeegee again to remove excess moisture or bubbles. During the first 5 to 15 days after installation, windows may appear slightly foggy. This effect will disappear when the water vapor has evaporated.
- Once the film is installed, it can be cleaned like any other glass, either with a rubber squeegee or with a soft cloth. Use a soap solution or window cleaner.

RECOMMENDATION OF USE

- Keep away from children.
- Spray the surface with water.
- Remove excess moisture.
- Trim the edges if necessary.
- It is not recommended to install the film when the glass temperature is below 0°C (and for three days thereafter) or above 35°C, or in direct sunlight.
- If the window is more than 1 meter wide, it is recommended that two people install the film.

SALES FORMAT

- 1,52 m x 30.5 m rolls = 46.36 m²
- Boxes of 0.76 M x 2 m = 1.52 m²
- Boxes 0.76 M x 4 m = 3.04 m²

SPECIFICATIONS / TECHNICAL DATA SHEET

- **Appearance / Color** : Very light grey film
- **Thickness** : 50 µm
- **Lumière visible** :
 - Transmission** : 67%
 - Absorption** : 24%
 - Exterior reflexion** : 9%
 - Glare reduction**: 27%
- **Solar Energy** :
 - Total Rejected (TSER)**: 49%
 - Sun protection index (SPF)** : +285
- **UV reflection**: 98%
- **IR reflection** : 91%

PRECAUTIONS

- Ne pas utiliser de produits abrasifs tels que des brosses – cela risquerait de rayer le film.
- Ne pas utiliser de produits de nettoyage à base de solvants.
- Une fois la protection retirée, protégez le film isolant pour fenêtre de la poussière.
- Évitez de toucher ou de nettoyer le verre pendant au moins 30 jours après l'installation pour permettre au film de durcir et de se fixer au verre.

NOTE

SUBERLEV products must be applied by applicators approved by the manufacturer.

The above information is based on our practical experience and laboratory tests. Given the wide variety of construction materials available and the many application methods beyond our control, it is essential to carry out sufficient practical tests and verifications in each case to ensure the compatibility of the product with each specific application.

