

# REDUCE ENERGY CONSUMPTION BY 40% WITH LEXAN™ ANTI-FOG FREEZER FILM

A SUSTAINABLE AND ENERGY-EFFICIENT SOLUTION

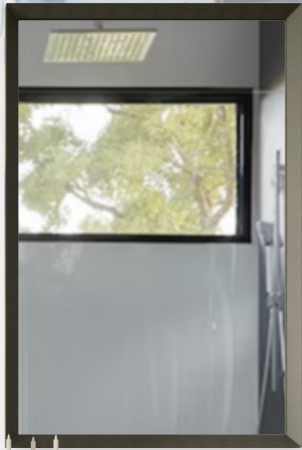




without anti-fog coating



with anti-fog coating



SABIC'S Functional Forms business highlights coated LEXAN™ HPNGFF film for freezer doors with a long-term anti-fog property which helps to reduce energy consumption significantly (up to 40%)!

### NO FOGGED WINDOWS ANYMORE

LEXAN HPNGFF is a one-side anti-fog coated and high optical quality PET film with a long-term anti-fog property that prevents condensation in the case of sudden temperature changes. For example, when shoppers open the supermarket's freezers, this film will prevent the formation of fog on the glass doors.

### REDUCE ENERGY CONSUMPTION

Using LEXAN HPNGFF anti-fog film, freezer door heaters can be turned off, resulting in less energy consumption by over 40%. The energy usage reduction will have a positive impact on lowering CO2 emissions. This film is another example of how SABIC meets customer needs with innovative solutions that help our planet's sustainability.

### EASY AND QUICK INSTALLATION

LEXAN HPNGFF film has an adhesive backing that makes the installation quick and easy. When this film adheres to glass, it can help maintain the integrity of the glass to avoid spalling in case of pane breakage and prevent or reduce the severity of the injury. LEXAN HPNGFF can be easily replaced in case of damage.



### PRODUCT BENEFITS



#### ANTI-FOG

Long term anti-fog coating



#### ENERGY CONSUMPTION

Reduces energy consumption with > 40%



#### EXCELLENT RESISTANCE

To chemicals



#### INSTALLATION

Easy and quick installation



#### POTENTIAL APPLICATIONS

Supermarket refrigerator or freezer doors



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Bathroom glasses or mirrors

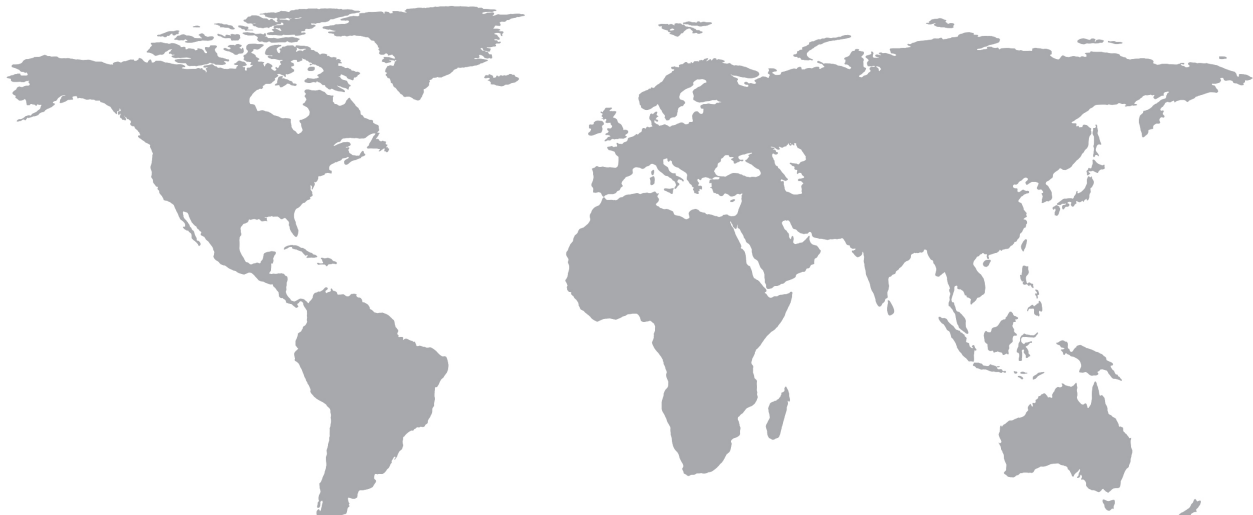
- Supermarket refrigerator or freezer doors

- Swimming pool enclosures

- Bathroom glasses or mirrors

- Vehicle' windows e.g. car windows and forestry & mining equipment cabins





- Over 50 years of experience and established in 1968
- Global manufacturing excellence with 10 manufacturing facilities, covering 3 geographic regions and 10 countries
- Proven innovation capabilities

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