

## HEAT BARRIER GLASS HB+™



## The new generation of oven door glass

Leading manufacturers turn to EuropTec's Engineered Glass Products **Heat Barrier** brands for the highest quality and best value low-E glass products specifically designed to manage heat within home appliances.

Our **HBI™** and **HBII®** coatings have been the #1 choice of manufacturers for use in self-cleaning oven doors for over 30 years. Our new **HB+** product is an innovative heat-reflective coating that modernizes the aesthetics

and performance of oven door glass. This single-sided transparent coating utilizes advanced materials and coating techniques to create a glass panel that achieves the highest level of energy management enabling lower system complexity and system cost for the oven door. Its enhanced appearance is suited to today's interior design trends bringing new design capability to not only the oven door but also to other elements of appliance design throughout the home.

### Features & Benefits

- High performance heat-treatable coated glass based on advanced low-E coating technology
- Our lowest emissivity coating in the appliance market
- Pleasing blue reflected color, especially with stainless steel
- Excellent color uniformity
- High durability in extreme environment (UL compliant)
- RoHS compliant
- Enables cost-effective system design
- Helps conceal door internal structural components

### Applications

- Inner Oven Door Window Glass
- Outer Oven Door Décor Glass

### Characteristics\*

IR Heat Reflection (2 $\mu$ M~5 $\mu$ M)	≥ 93%
Surface Resistivity (4 pt. probe)	≤ 7 ohms/sq
Emissivity (2.5 $\mu$ M~25 $\mu$ M)	0.06~0.07
Haze	≤ 0.5%
Light Transmission	≥ 40%
Reflected Color Outside	Light Blue
Reflected Color Inside	Silver Mirror
Sides Coated	1

\*Typical values after heat treatment

### Product Options

Glass Thickness	3 mm, 4 mm, 5 mm
Fabricated Sizes	W: 6 in. (152 mm) to 21 in. (533 mm) L: 9 in. (229 mm) to 27 in. (686 mm)
Other:	Edgework, Serialization, Tempering, Paintable

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### Engineered Glass Products, L.L.C.

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