

## HEAT BARRIER GLASS HBI™



# A flexible heat barrier solution for 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 its two-sided counterpart **HBII®**, coating have been the #1 choice of manufacturers for use in self-cleaning oven doors for over 30 years. Our HBI is the industry standard for single-sided heat reflective

coatings. This single-sided transparent coating utilizes traditional pyrolytic tin oxide technology to provide durability with energy management for door systems. It can be used in combination with other coated product (single- or double-sided) to enhance thermal performance. Its neutral appearance is suited to today’s interior design trends, and complements other coated or tinted glass products in the oven door design and system.

### Features & Benefits

- Pleasing neutral appearance
- Excellent color uniformity
- High durability in extreme environment
- RoHS compliant
- Enables cost-effective system design
- Flexible (multiple orientation and position options)

### Applications

- Oven Door Window Glass
- Oven Door Décor Glass

### Characteristics\*

IR Heat Reflection (2µM~5µM)	≥ 84%
Surface Resistivity (4 pt. probe)	≤ 15 ohms/sq
Emissivity (2.5µM~25µM)	0.15~0.16
Haze	≤ 0.5%
Light Transmission	≥ 73%
Reflected Color (Inside/Outside)	Neutral
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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