

HEAT BARRIER GLASS HBII®



The historical standard for heat barrier 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 **HBII** coating has been the #1 choice of manufacturers for use in self-cleaning oven doors for over 30 years. **HBII** was one of the first coated products introduced to the

market to manage heat transfer from the oven cavity to the outer door's surface to meet safety requirements (UL 858A). This double-sided coating utilizes traditional pyrolytic tin oxide technology to provide durability with energy management for door systems. It can be used alone or in combination with other coated product (single- or double-sided) to enhance thermal performance.

Features & Benefits

- Single piece of glass providing two heat management surfaces
- High durability in extreme environment (UL compliant)
- RoHS compliant
- Cost effective
- Low emissivity and high IR heat reflectance

Applications

- Oven Door Window Glass

Characteristics*

IR Heat Reflection (2µM~5µM)	≥ 75% (per side)
Surface Resistivity (4 pt. probe)	≤ 30 ohms/sq (per side)
Emissivity (2.5µM~25µM)	≤ 0.25% (per side)
Haze	≤ 0.5%
Light Transmission	≥ 80%
Reflected Color (Inside/Outside)	Light Green to Purple
Sides Coated	2

*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

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Information is for reference purposes only and subject to change. Please contact your EGP sales representative for latest information and specifications.

Engineered Glass Products, L.L.C.

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