An infrared reflective coating* is applied to the outside of the glass-ceramic in order to:

- Reflect approximately 30% of the heat inside the hearth
- Improve and optimize the combustion
- Reduce the number of fine particles
- Decrease the soot appearance through a pyrolysis process

**Characteristics**

- L 2100 x H 1266 mm
- Usable surface 2050 x 1216
- Thickness 4 or 5 mm
- Cut-to-size
- Barely visible homogeneous color
- Applied to 1 side
- Approximately 30% heat reflection
- 650°C (1200°F) / 100 h with no performance degradation

* When cleaning, do not use strong alkalis, acids, detergents with fluoride, detergents with mechanical devices (sand etc.) nor other mechanical millinery or solvents as they will damage the coating.
Infrared Reflective Coating

Clear efficiency.

Technical Data

No performance degradation after thermal test at 650°C/100h.

Dimensions and Packaging

Big panels (2100 x 1266 x 4 or 5 mm*) can be cut and edged afterwards. Big panels are packed in a wood A-frame structure containing 25 sheets (or 20 sheets of 5 mm). Each sheet is separated from the others thanks to a polyethylene interleaving. EuroKera can provide a detector to identify the side of the glass-ceramic that is coated.

Cut-to-size parts are available as well, already transformed. A sticker is applied to identify coated side.

* Usable surface after removal of defects due to coating process: 2050 x 1216mm

Keralite® Glass-Ceramic

Infrared Reflective Coating

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