



Discover Keralite®



THE BEAUTY OF FIRE. THE ELEGANCE OF GLASS-CERAMIC.

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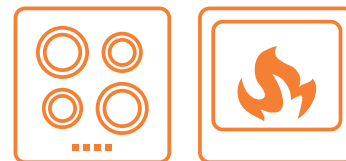




Elegant and performing defines our glass.

Since the first days, mankind has been hypnotized by the beauty of fire. Throughout the centuries, man has improved the way to combine efficiency and design. This quest reaches its apex with Keralite®

EuroKera is a worldwide leader in glass-ceramic solutions for the hearth and cooking market. Always pushing innovation and performance further, without sacrificing design.



The logo for EuroKera, featuring the word "EURO" above "KERA" in a bold, black, sans-serif font, followed by a stylized orange square containing a white chevron pointing to the right.The logo for KeraGlass, featuring the words "KERA" and "GLASS" stacked vertically in a bold, black, sans-serif font, followed by a stylized orange square containing a white chevron pointing to the right.

1752

FOUNDING OF THE "VERRERIE ROYALE" IN BAGNEAUX-SUR-LOING, FRANCE

100%

OF EUROKERA GLASS-CERAMIC IS MELTED AT KERAGLASS

2018

ADDITIONAL MELTING TANK START FOR INCREASED PRODUCTION CAPACITY

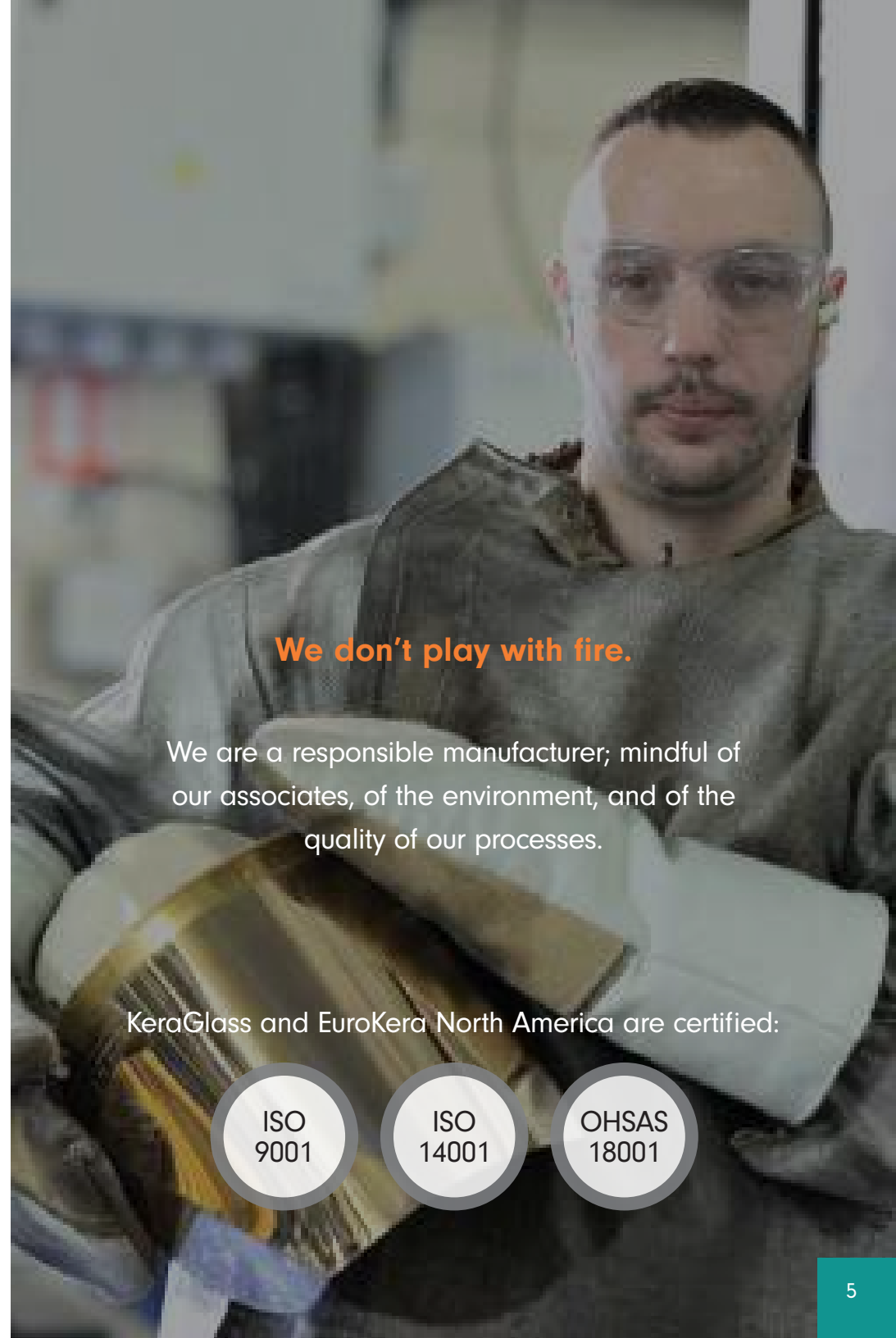
KeraGlass is at the heart of EuroKera, where 100% of our glass-ceramic is melted. The site is built on the remains of a centuries-old history of glass manufacturing. Today, the largest glass-ceramic melting tank of the world operates there.



A proud tradition of innovation

EuroKera is a global leader in glass-ceramic products and advanced cooking surfaces, jointly owned by Saint-Gobain and Corning Inc. EuroKera has been manufacturing innovative glass-ceramic substrates since 1990, focusing on cutting-edge innovation and outstanding service.

Today, EuroKera provides products for the appliance, hearth and fire-rated glazing industries worldwide. EuroKera has a global presence with five factories located in France, the United States, China and Thailand. To learn more about EuroKera, please visit our website at www.eurokera.com.



We don't play with fire.

We are a responsible manufacturer; mindful of our associates, of the environment, and of the quality of our processes.

KeraGlass and EuroKera North America are certified:

ISO
9001

ISO
14001

OHSAS
18001

OUR VALUES

Respect. Passion. Ambition



They keep the fire going.

At EuroKera, we consider our associates as our most precious resource. Out of all the ingredients that compose a highly confidential recipe to make our glass-ceramic, they are the ones that make all the difference.



The one material for fire-rated purposes

Keralite[®]

Transparent glass-ceramic engineered for the extreme

Transparent glass-ceramic was conceived in order to meet the requirements of the market for domestic **heating** appliances (such as fireplaces, freestanding stoves and fireplace inserts). Keraglass manufactures cut parts and also stock size sheets.



The use of glass-ceramic becomes necessary when the safety needs or **thermal stress** considerations exceed the capabilities of traditional glasses.

Thanks to a **thermal expansion** coefficient close to 0, the clear glass-ceramic withstands very **high temperature** levels, up to 700°C (1292°F) in continuous use, as well as high **thermal shocks**.





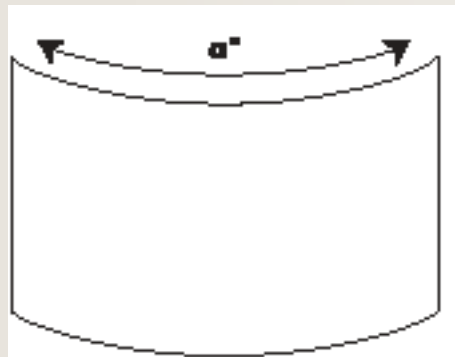


Keralite® curved part

Curves and corners are easy to take.

Curved parts have been engineered to match new **stove designs** and to improve the **view of the flames** from any side of the room. Due to our manufacturing capabilities, Keralite® glass-ceramic can take **any shape**.

- > Our new ceraming kiln dedicated to cut parts gives us the **high flexibility** which is required by our market.
- > “We strive to be able to curve our glass to the radius each project requires. Contact Keraglass about yours to learn more.”



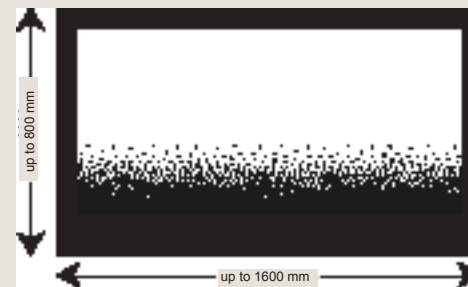
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OPAQUE PRINTED FRAMES

A masterpiece needs a frame.

Keraglass screen prints the highest quality frames onto glass-ceramic.

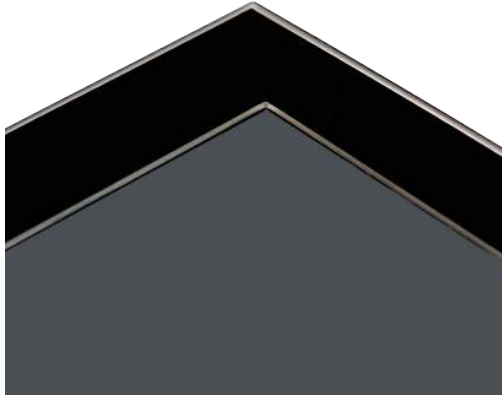
- > Thermal resistance up to 620°C (1148°F)
- > A standard range of gradient dot patterns is available
- > Our process can print wide panels up to 1600mm x 800 mm
- > Deep black opaque color called Ultimate Black or Slate Grey are both available



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Ultimate Black

Slate Grey



Keralite® with Ultimate black enamel frame



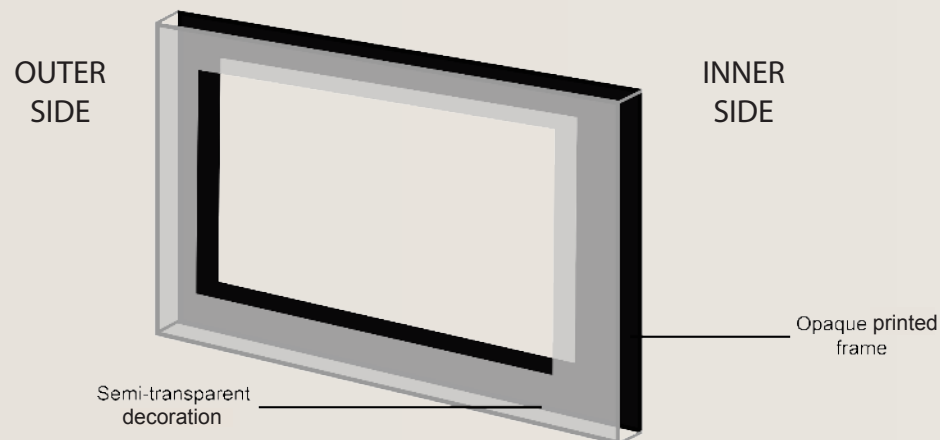
Keralite® with wood texture effect via Double-Sided Printed Frame technology

DOUBLE-SIDED PRINTED FRAME

Unlimited designs, texture, and 3D effects

Keraglass combines an opaque **Printed frame** on the inner side and another **semi-transparent** decorative in front which offers unlimited possibilities of unique designs

- > Thermal resistance up to 620°C (1148°F)
- > Extended color portfolio
- > Bichromatic pattern with shades
- > 3D textured effects which give the feeling that the glass-ceramic took the appearance of another material such as metal, wood, stone, fur, etc.



<< Thanks to Keralite® Double-sided printing, dare to **be different!**

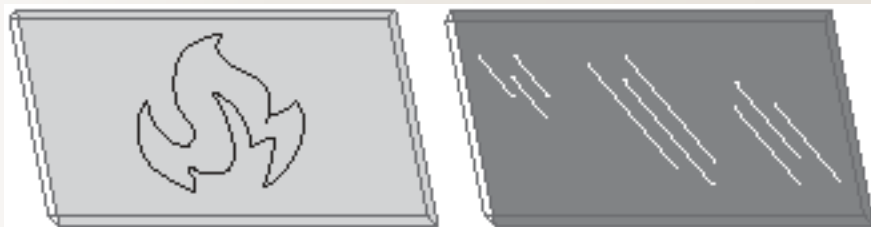
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MIRROR COATING

Dressed up all year long

Let yourself be tempted by our **patented solution** to let your stove window become a **decorative object** even during summer:

- > Decorative appearance of a mirror on the full surface when the fireplace or stove is not in use
- > Nice and clear view of the flames when the fire is lit
- > **Mirror coating** creates approx. 50% reflection in the visible range - T_{\max} 550°C (1022°F)



Fire ON

Fire OFF

Drawing for illustration purposes only.

Fire OFF

Fire ON



Glass Ceramic choice

Standard



Anti-Reflective

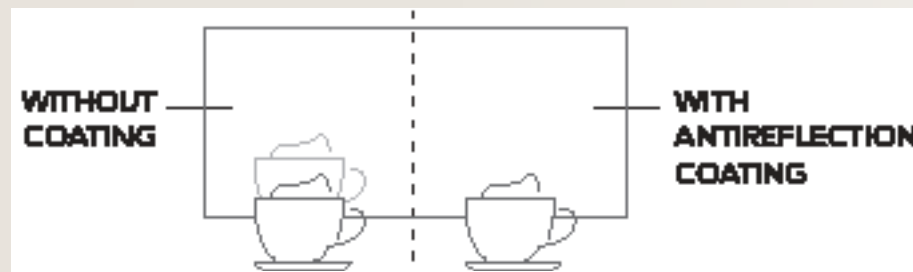


ANTI-REFLECTION COATING

Let the fire be the only distraction

Gaze into the flickering flames of a warm fire **without the distraction** from the reflections on the glass-ceramic.

- > High-temperature resistant coating up to 650°C (1202°F)
- > Consistent appearance throughout the glass
- > Highlight the beauty of fire providing the clearest view
- > Dedicated to high end gas fireplaces

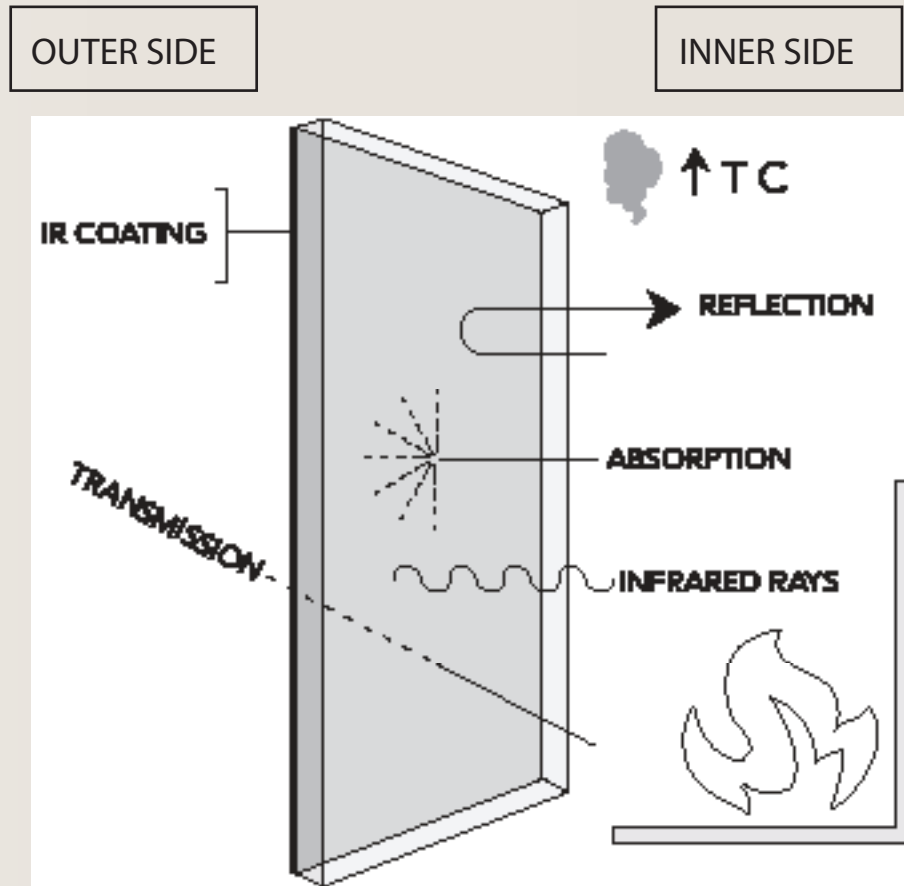


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INFRARED (IR) COATING

Clear efficiency

- > The IR rays bounce back on the outside coating of the glass, **improving the thermal efficiency of the fireplace.**
- > The IR rays going back through the glass raise the temperature of the window itself, preventing soot from sticking to the glass-ceramic with an intense fire.
- > The window stays cleaner for a longer period of a time while allowing a portion of the IR rays to cross.



Drawing for illustration purposes only.





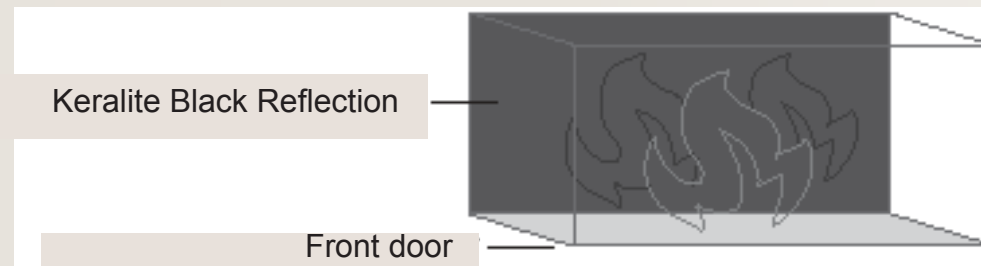
Keralite® Black Reflection

KERALITE BLACK REFLECTION

There is beauty in the darkness

Enhance the effect of the fire's flame with this opaque reflective glass-ceramic:

- > Used on the back wall of the stove to capture the entire dimension of the fire
- > Provide high-end, modern, and long-lasting inside look
- > Thermal resistance up to 700°C (1292°F) in continuous use and easier to clean than most regular inside wall materials
- > Available in black glass-ceramic with or without decoration
- > Dedicated to gas fireplaces



Drawing for illustration purposes only.



Enhance your image

A brand image can speak to the imagination of the consumers. A branding strategy is the most effective at increasing market share. Let our glass ceramic parts become the support of your branding communication.

- > Digital printing of logos on the outer surface gives a lot of flexibility and is cost effective.
- > **Bicolor digital printing of logos on the outer surface.**
- > **Underglass printing of logos for a High End Design. The logo can be placed between the glass ceramic and the printed frame.**

Multiple usefull options

Keraglass can provide technical options to help for the integration of the glass ceramic parts in the final assembly.

- > Drilling holes for screwing the glass ceramic on a frame.
- > **Waterjet cut for door handle integration.**
- > **Flat edging for a 90° angle glass to glass assembly.**





Let's work together.

EuroKera makes it easy to bring your vision to life, offering innovative and cost-effective expertise based on 25 years of world class manufacturing.

Contact us using the following information:

FOR EUROPE

KeraGlass

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FOR THE AMERICA

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USA
pyro@eurokera.com

FOR ASIA

EuroKera China

Number 11 Building
American Industrial Park
48 Hongmian Road
Xinhua Town
Guangzhou
xsong@eurokera.com

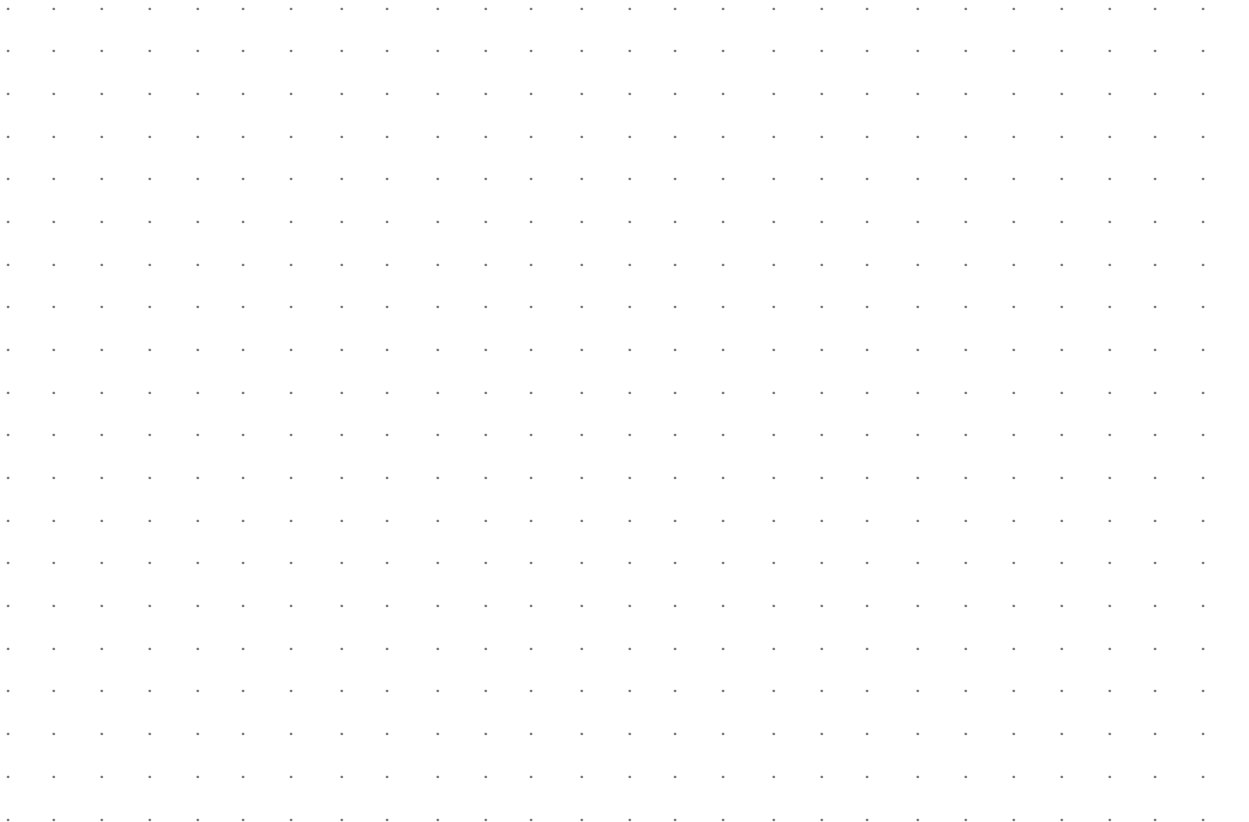
PROJECT PLANNING NOTES

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PREP/FOCUS

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DIAGRAM



ACTION STEPS

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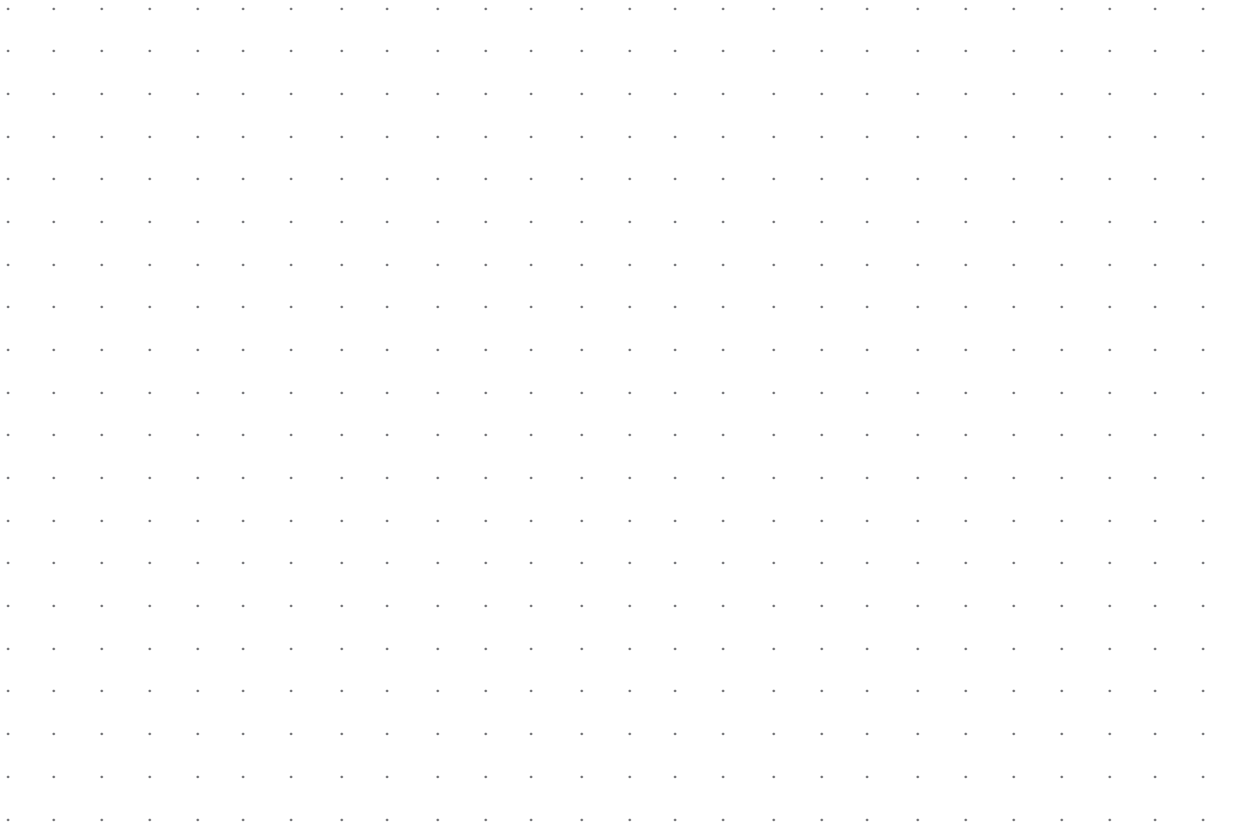
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DIAGRAM



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-  : EK Melting plant
-  : Cooking surfaces finishing plant
-  : Fireplace door finishing plant

