



EXPORT
MANAGEMENT
COMPANY



CAST IRON STOVE GRATES (PAN SUPPORT)
Reliable Heating Solutions with Superior Quality

AvaxPlus proudly offers premium-quality Cast Iron Stove Grates (Pan Support), designed to provide exceptional heat retention and durability for both industrial and household gas stoves. Crafted with precision, these grates ensure optimal performance and reliability meeting the highest international standards.

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PRODUCT INTRODUCTION

We provide two distinct grades of Cast Iron Stove Grates, each tailored to meet different quality and budget requirements:

Grade 1:

- **Casting:** Precision casting ensures a flawless foundation.
- **Finishing:** Complete deburring followed by comprehensive grinding for a smooth surface.
- **Warping Prevention:** Each product undergoes meticulous straightening processes.
- **Enamel Coating:** 100% premium-grade enamel from Gizem and Teskim is applied.
- **Shot Blasting:** Each product is shot-blasted three times for superior durability and finish.

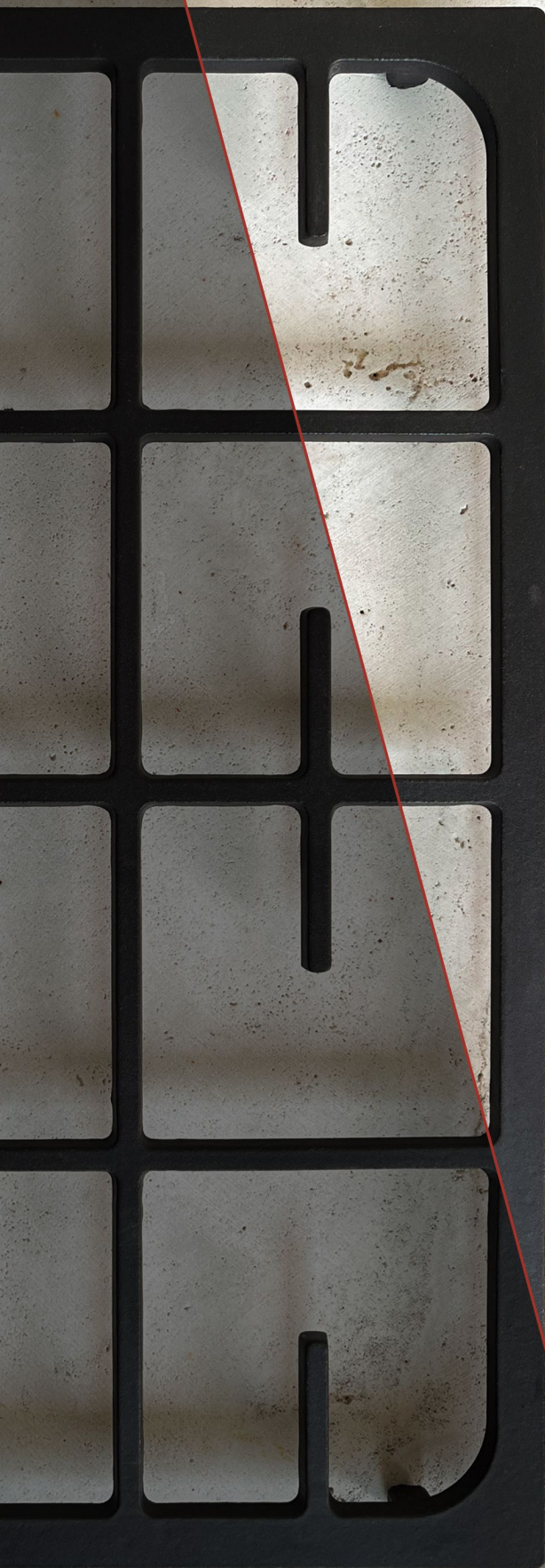
Grade 2:

- **Casting:** High-quality casting with careful execution.
- **Finishing:** Grinding is performed solely for deburring.
- **Enamel Coating:** 50% of the enamel is sourced from Gizem and Teskim for a reliable finish.
- **Shot Blasting:** Each product undergoes two rounds of shot blasting.

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PRODUCT GRADES



- **Durability:** Long-lasting cast iron construction ensures extended product life.
- **Heat Resistance:** Exceptional heat retention and distribution for even cooking.
- **Customizable Designs:** Tailored to meet the specific needs of stove manufacturers.
- **Compatibility:** Suitable for various types of gas stoves, including freestanding, built-in, and commercial units.
- **Corrosion Resistance:** Finished with protective coating for added durability.

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- **Enhanced Performance:** Perfect for industrial kitchens and households requiring top-tier functionality.
 - **Elegant Design:** Combines practicality with an aesthetic appeal.
 - **Energy Efficiency:** Optimal heat distribution minimizes energy waste.
 - **Sustainability:** Recyclable material supports environmentally friendly manufacturing.

CHEMICAL COMPOSITION OF DIFFERENT TYPES OF CAST IRON

Type of Cast Iron	Carbon (%)	Silicon (%)	Manganese (%)	Sulfur (%)	Phosphorus (%)
Gray Cast Iron	2.50 - 4.00	1.00 - 3.00	0.20 - 1.00	0.02 - 0.25	0.02 - 1.00
Ductile Cast Iron (Nodular)	3.00 - 4.00	1.80 - 2.80	0.10 - 1.00	0.01 - 0.03	0.01 - 0.10
Compacted Graphite Cast Iron	2.50 - 4.00	1.00 - 3.00	0.20 - 1.00	0.01 - 0.03	0.01 - 0.10
Malleable Cast Iron	2.00 - 2.90	0.90 - 1.90	0.15 - 1.20	0.02 - 0.20	0.02 - 0.20
White Cast Iron	1.80 - 3.60	0.50 - 1.90	0.25 - 0.80	0.06 - 0.20	0.06 - 0.20

TECHNICAL SPECIFICATIONS

Product Name	Avax Plus Cast Iron Stove Grates
Material	Premium Cast Iron
Surface Finish	Matte Black, Heat-Resistant Coating
Dimensions	As per customer order
Weight	As per customer order
Heat Resistance	Up to 700°C (1292°F)
Compatibility	Universal fit for most gas stove brands
Applications	Domestic and commercial gas stoves

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- **Household Gas Stoves:** For modern and durable kitchen designs.
- **Industrial and Commercial Kitchens:** Ideal for heavy-duty cooking operations.
- **Outdoor Stoves and Grills:** Designed to withstand outdoor elements while providing superior performance.





AvaxPlus provides customization options for all our cast iron stove grates to align with your specific requirements. Dimensions, weight, and finishing can be adjusted to suit your preferences.

Why Choose AvaxPlus?

- **Expertise:** Years of experience in manufacturing and exporting high-quality stove grates.
- **Commitment to Quality:** Rigorous quality checks at every production stage.
- **Reliable Delivery:** Partnering with top logistics providers for timely shipments.





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