

SAINT-GOBAIN PERFORMANCE CERAMICS & REFRACTORIES

LO-MASS®

INNOVATIVE KILN FURNITURE SOLUTIONS



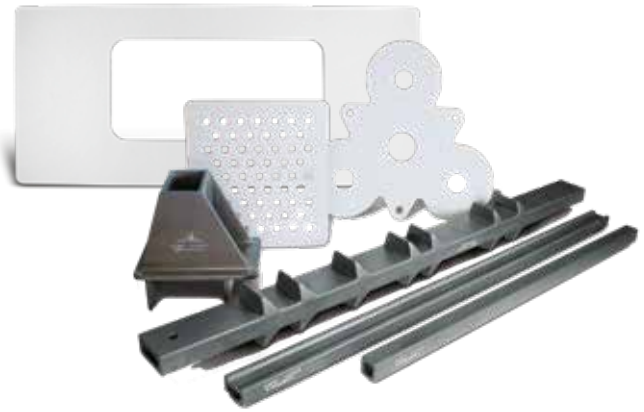
SAINT-GOBAIN

MATERIAL CHOICE

LO-MASS®

THINNER, LIGHTER, STRONGER & MORE THERMALLY CONDUCTIVE

LO-MASS® solutions are engineered from advanced silicon carbide ceramic materials, offering significantly enhanced material characteristics as compared to traditional, high mass kiln furniture systems.



BENEFITS

Our customers have substantially improved operating efficiencies by replacing cordierite kiln furniture with LO-MASS® advanced silicon carbide kiln furniture systems (N-Durance® support posts and setter plates, Silit® SK support and stringer beams)

	Reduced energy consumption - CO₂ production		Improved safety - structural stability
	Reduced operating cost		Improved fired product quality
	Improved productivity		Shortened ROI

KEY MARKETS

 SANITARYWARE	 DINNERWARE	 POTTERY
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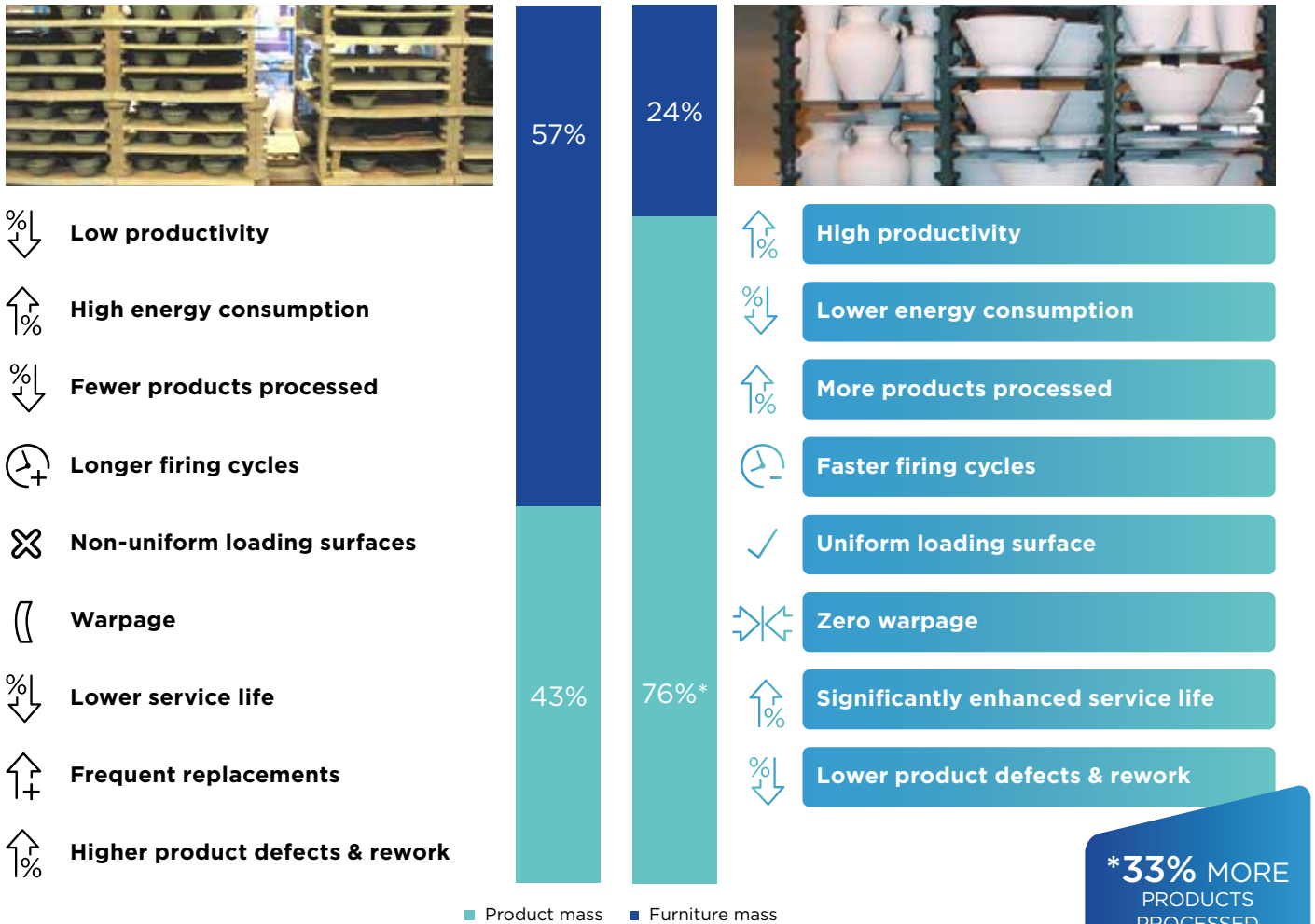


ADVANCED SILICON CARBIDE MATERIALS DELIVER VALUE

Our engineered ceramic products are custom designed, co-developed and manufactured for industrial heating applications. They deliver value in your toughest challenges related to efficiency, throughput, emissions and maintenance.

HEAVY MASS CERAMIC (CORDIERITE)

ADVANCED SILICON CARBIDE LO-MASS®



SAINT-GOBAIN'S LO-MASS® SOLUTIONS

Our engineers collaborate with you to design custom kiln furniture systems for specific applications and automation requirements. LO-MASS® engineered components include setter plates, support posts & stringer beams, post-mounting shoes, and structural tie systems. Numerous other custom shapes and engineered assemblies are available to provide flexible setting configurations, decreased setup time, and system safety & stability.

UP TO **2 TONNES**
REFRACTORY MASS REDUCTION

33%
ENERGY SAVINGS

ROI LESS THAN
12 MONTHS

MATERIAL CHOICE

LO-MASS[®] - XXL PLATES

Our XXL plates are offered at a maximum size of 1250x900x10 mm (49 x 35 x .974").

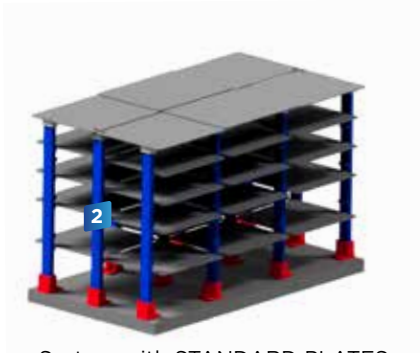
BENEFITS



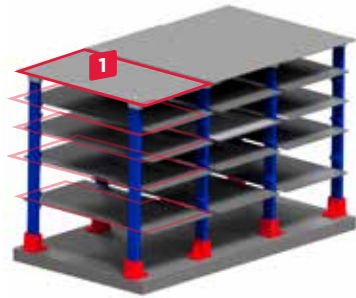
1 Increased setting space



2 Further reduction of structural supports and kiln furniture
Eliminate joints/seams underneath product
Flatness retention over large setting area



System with STANDARD PLATES



System with XXL-PLATES



CONTACT US

USA

Niagara Falls
+1 716 278 6233
Worcester
+1 508 795 5264
Falconer
+1 716 483 7222

MIDDLE EAST & AFRICA

Dubai (UAE)
+971 4 8011800

EUROPE

Rainford (United Kindom)
+44 1744 882 941
Rödental (Germany)
+49 9563 724 201

INDIA

Bangalore
+ 91 7228 950 887
Halol
+ 91 7228 950 886

PACIFIC

Perth (Australia)
+61 394 745 940

JAPAN

Nagoya
+81 5619 708 08

CHINA

Dengfeng
+86 4008880198
Shanghai
+86 4008880198

ASIA

Seoul (Korea)
+82 2370 693 34
Bangkok (Thailand)
+66 61 415 9204

For more information:
www.ceramicsrefractories.saint-gobain.com
ceramics.refractories@saint-gobain.com

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