

SAINT-GOBAIN PERFORMANCE CERAMICS & REFRACTORIES

LO-MASS®

INNOVATIVE KILN
FURNITURE SOLUTIONS



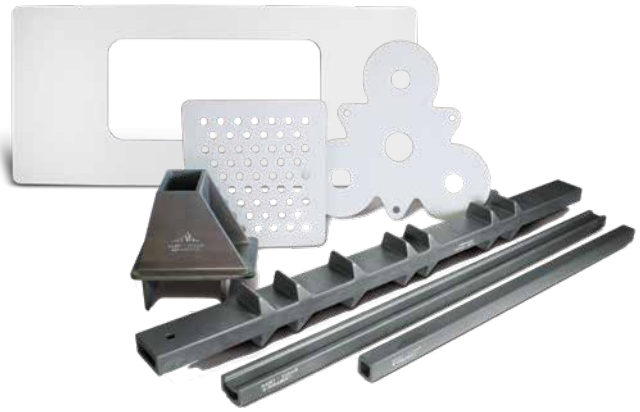

SAINT-GOBAIN

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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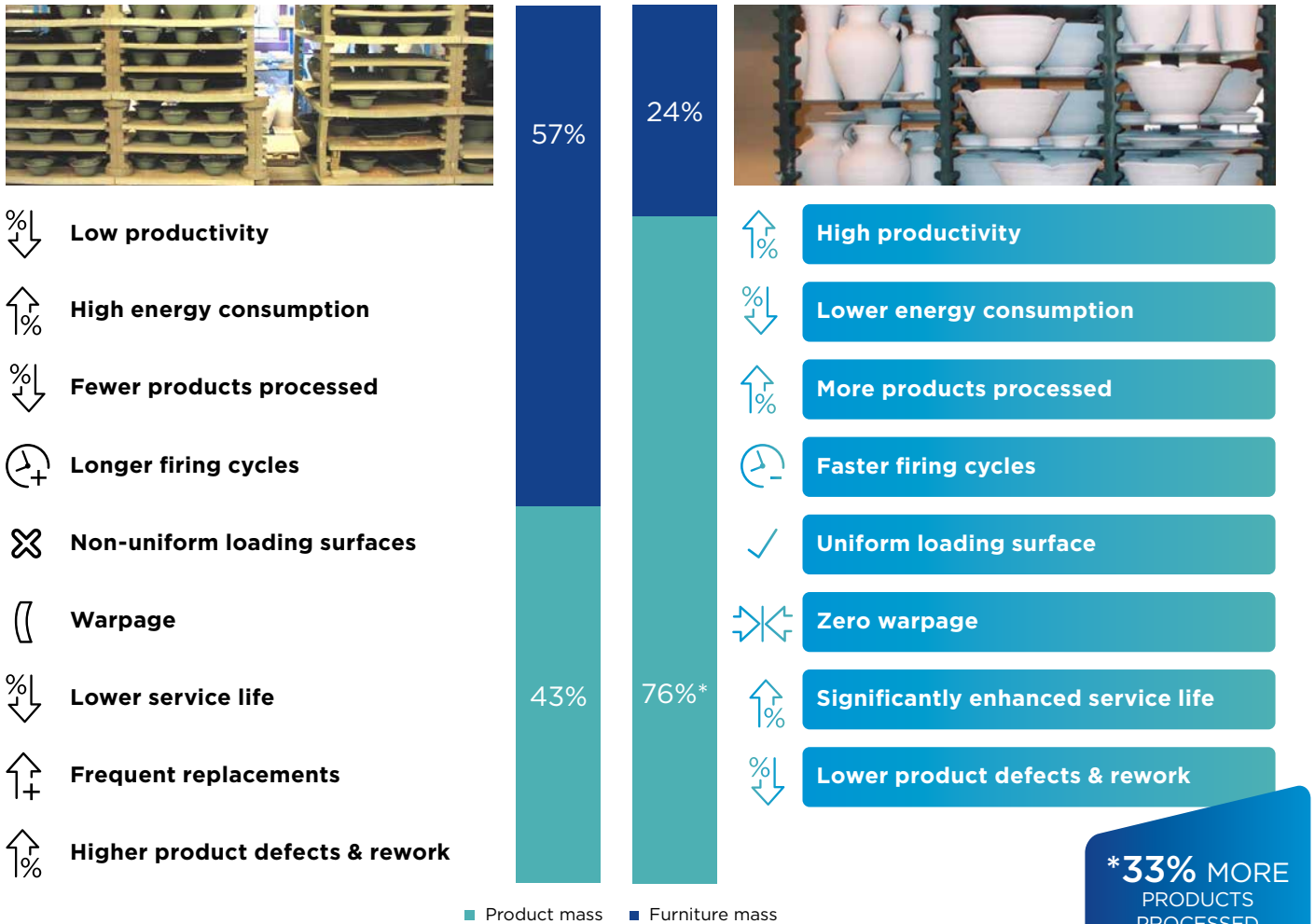


ADVANCED SILICON CARBIDE MATERIALS DELIVER VALUE

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").

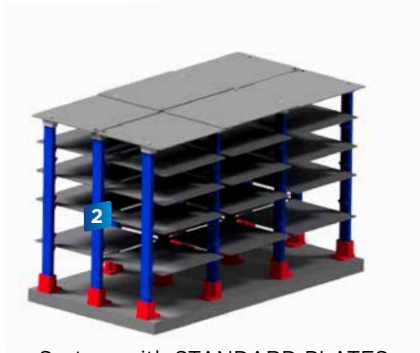
BENEFITS



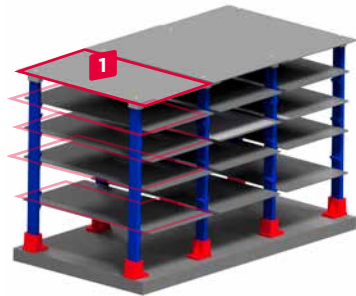
1 Increased setting space



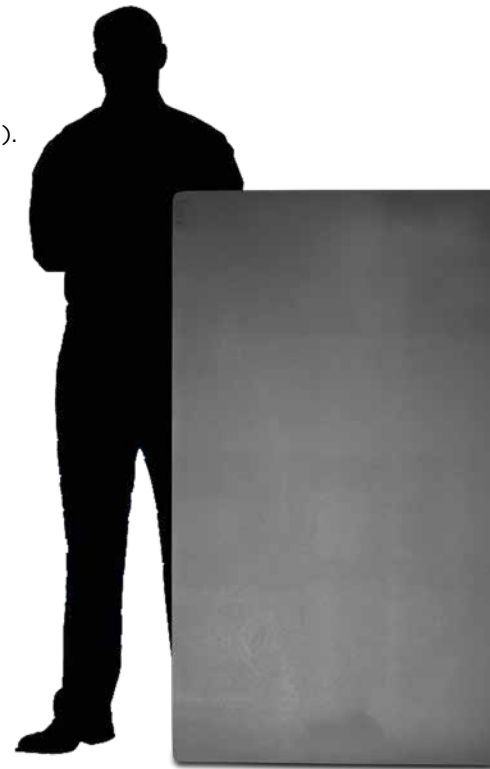
2 Further reduction of structural supports and kiln furniture
Eliminate joints/seams underneath product
Flatness retention over large setting area



System with STANDARD PLATES



System with XXL-PLATES



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