LO-MASS® solutions adapt advanced silicon carbide ceramic materials that offer significantly enhanced material characteristics as compared to traditional heavy mass kiln furniture systems.

**BENEFITS**

- Sustainable – reduced refractory mass
- Lower energy consumption
- Higher productivity
- Safety – structural stability
- Improved fired product quality
- Faster ROI

**KEY MARKETS**

- SANITARYWARE
- DINNERWARE
- POTTERY
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) vs ADVANCED SILICON CARBIDE LO-MASS®

- Fewer products processed
- Long fire cycle
- Non-uniform loading surfaces
- Warpage
- Lower service life
- Frequent replacements
- Higher product defects & rework

- More products processed
- Faster fire cycle
- Uniform loading surface
- Zero warpage
- Significantly enhanced service life
- Lower product defects & rework

SOLUTION

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 available to provide flexible setting configurations, decreased setup time and system safety & stability.

up to 2 tonnes refractory mass reduction
up to 33% energy savings
less than 12 months ROI
LO-MASS® - XXL PLATES

Our XXL plates are offered at a maximum size of 1250x900x10 mm.

BENEFITS

1. Increased setting space
2. Further reduction of structural supports and kiln furniture
3. Eliminate joints/seams underneath product
4. Flatness retention over large setting area

System with STANDARD PLATES
System with XXL-PLATES

CONTACT US

NORTH & SOUTH AMERICA
Latrobe (USA)
+1 724 539 6000
Niagara Falls (USA)
+1 716 278 6233
Worcester (USA)
+1 508 795 5264
Vinhedo (Brazil)
+55 19 2127 8680

EUROPE
Rainford (UK)
+44 174 488 2941
Rödental (Germany)
+49 956 372 4307
Vénissieux (France)
+33 478 781 379

ASIA
Shanghai (China)
+86 216 489 9993
Seto (Japan)
+81 561 822 485
Seoul (Korea)
+82 2 3706 9334

PACIFIC
Melbourne (Australia)
+61 394 745 940

INDIA, BANGLADESH & SRI LANKA
+91 991 020 0141

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

Follow us on
- www.youtube.com/watch?v=YNU09xl-GHc
- www.linkedin.com/company/saint-gobain-performance-ceramics-refractories
- https://twitter.com/SaintGobainPCR

The information contained in this document is believed to be accurate and reliable but is provided without guarantee or warranty on the part of Saint-Gobain Performance Ceramics & Refractories. Process parameters and requirements can impact typical values and test methods. Further, nothing present herein should be interpreted as an authorization or inducement to practice any patented invention without an appropriate license. Saint-Gobain Performance Ceramics & Refractories Terms and Conditions apply to all purchases.