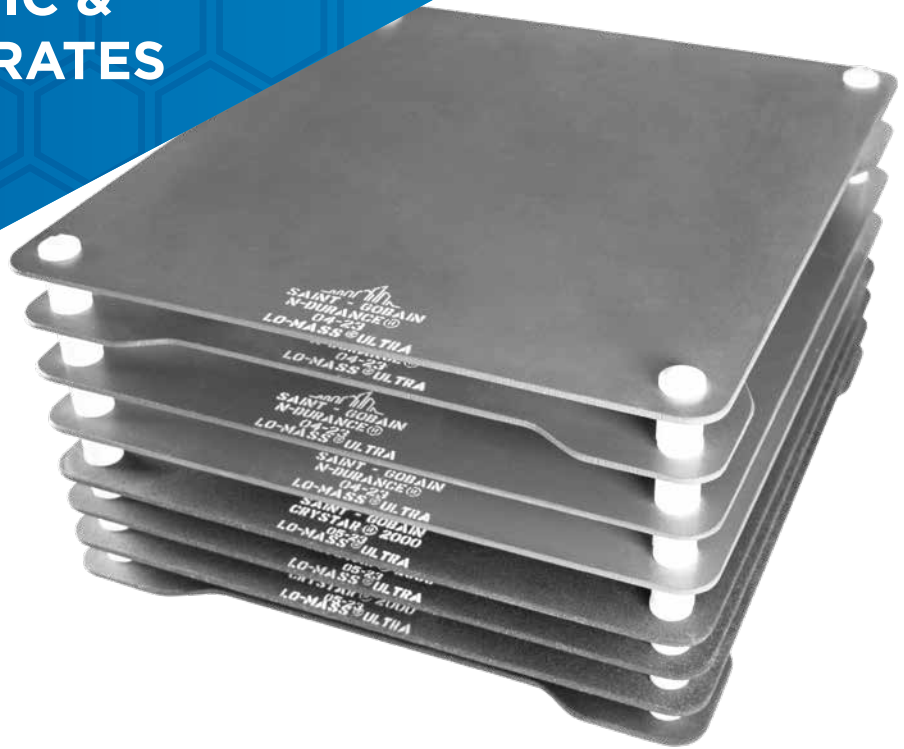


SAINT-GOBAIN PERFORMANCE CERAMICS & REFRACTORIES

LO-MASS® ULTRA

KILN FURNITURE SYSTEMS FOR FIRING CERAMIC & COMPOSITE SUBSTRATES



SAVE COSTS AND ENERGY FOR A SUSTAINABLE FUTURE

At Saint-Gobain, our commitment to sustainability drives us to develop innovative, cost-effective solutions that support our efforts in protecting the environment.

Our Lo-Mass® Ultra kiln furniture systems for firing ceramic and ceramic composite substrates for Power Electronics manufacturing include 2 mm thick slabs for advanced kiln furniture assemblies. They allow for high-capacity loading in automated industrial operations.

BENEFITS



Reduced energy costs
& CO₂ emissions



Increased productivity



Improved service life
(up to 1000 cycles)



Reduced reactivity




SAINT-GOBAIN

OUR LO-MASS® ULTRA PRODUCTS ≤ 2 MM

Saint-Gobain's innovative, Lo-Mass® Ultra slab systems are developed for highly flexible kiln furniture rack designs with sizes up to 200 mm x 250 mm and a thickness down to 2 mm. This enables an optimal combination of product design, geometry and overall efficiency.

Our slabs are available in a variety of shapes. They are manufactured with our industry-proven N-Durance® and Crystar® advanced silicon carbide materials. Both materials exhibit excellent strength, thermal conductivity, and thermal shock resistance that allow for fast firing cycles and uniform product temperatures throughout the kiln furniture assembly racks.

Customized ceramic coatings are available for Lo-Mass® Ultra slabs to enhance product compatibility. Re-coating of Lo-Mass® Ultra slabs is also possible.



FEATURES & BENEFITS



Shortened firing cycles



Optimized flatness and surface finish



Controlled porosity



Maximized service life



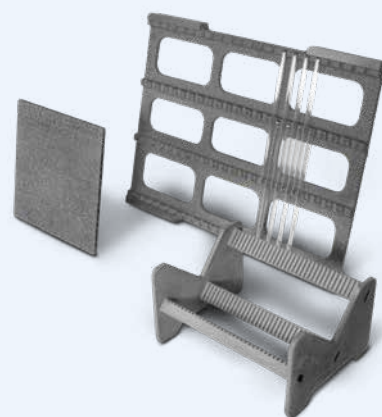
Minimized thermal mass for optimized temperature uniformity



Designed for automated processes

INCREASED ENERGY SAVINGS AND CO₂ EMISSION REDUCTION

With our Lo-Mass® Ultra kiln furniture systems, we provide our customers with tangible solutions to significantly save energy and reduce CO₂ emissions. Our Lo-Mass® Ultra kiln furniture systems enable our customers to increase productivity with greater stacking density while increasing the efficiency and quality of the firing process. Our products and systems are designed to improve the product-to-kiln furniture ratio allowing for optimal product loading and overall firing efficiency.



SAINT-GOBAIN PERFORMANCE CERAMICS & REFRACTORIES

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