



Cesco Plant  
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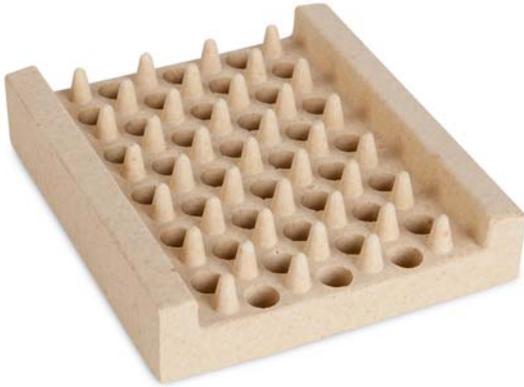
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## Tile Industry

CerCo manufactures kiln furniture for traditional firing cycles, as well as perforated plates for fast fire applications in roller hearth kilns. Our experts help customers choose from many sagger sizes; leaf, shelf and Monofire setters; and deck stools for traditional kiln applications.



Monofire setters have flat parallel shelves that limit tile warpage and twist. The setter design reduces glaze defects. CerCo setters offer excellent handling and stability yet the setter is open to optimize glaze color uniformity. Our experts help customers specify kiln furniture to accommodate the manufacture of 1" x 1", 4" x 4", 6" x 6" or 8" x 8" tile or the trim tile that accompanies these sizes. CerCo also produces a hollow cast pre-formed kiln car-top module that will not shrink, spall or deteriorate like total fiber car constructions. Posts transfer the load weight to the steel car frame. Ceramic fiber is packed inside the center of the car for a radiation seal that eliminates heat penetration that starts the process of steel car frame deterioration.

CerCo offers many kiln furniture formulations that will be effective for your operation's firing profile. Our products offer:

- Superior strength at temperature
- Resistance to thermal shock



## Sanitaryware Industry

The design of kiln cars for the sanitaryware industry has been changing. There has been great reduction in car



weight-refractory mass. Redesign of kiln cars and refractory mass reduction can, and has, saved our customers up to 40% in fuel costs, and increased throughput by increasing the space available for ware. CerCo manufactures interlocking stringers/beams, posts, lightweight bowl setters and tank slabs, pedestals, cell plates, plates and lavi rings. In addition, our patented lightweight hollow cast car-top module further reduces refractory mass, often by 60%.



CerCo offers cordierite, sillimanite and recrystallized silicon carbide furniture formulations - effective for most firing conditions. Superior load strength of RX21 recrystallized silicon carbide provides for thinner slabs, lightweight lavi rings and thin beams. Refractory to product ratio is reduced.

Variations of basic product compositions provide CerCo's customers with optimal kiln furniture performance

Whether you need kiln furniture or grinding media, CerCo is your solution provider.