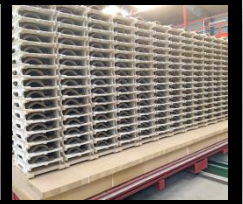
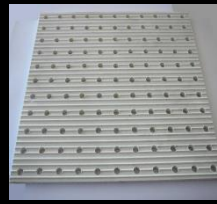
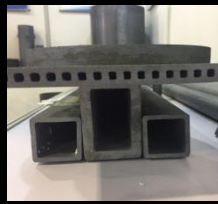
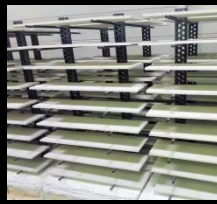


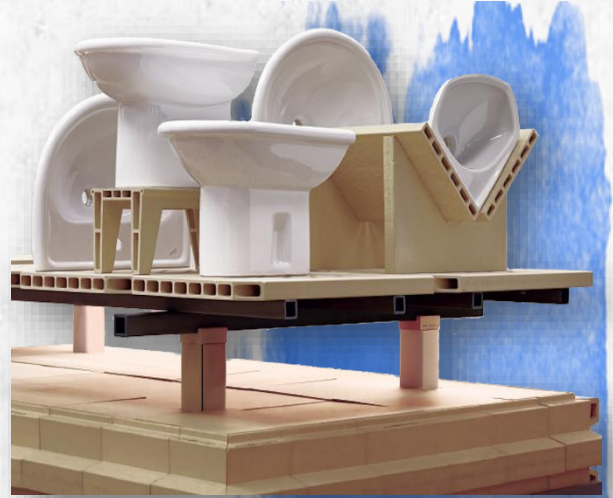
CERATEM



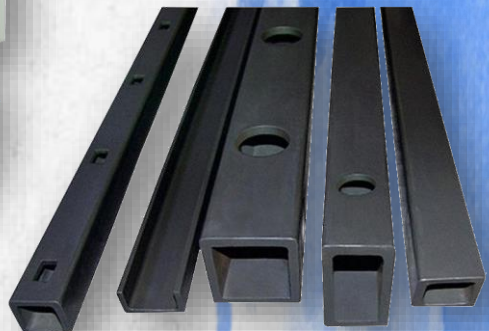
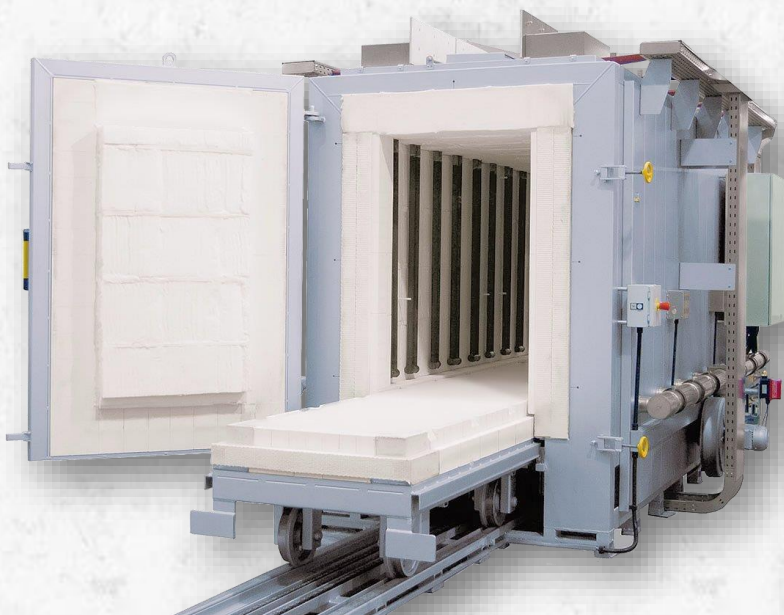
supports and plates for furnaces

Our main products are **support plates, profiles, tubes, muffles, etc. SiC Silicon Carbide and Alumina**, for use in baking ovens.

With more than 30 years of experience in this sector with designs, advanced facilities, strict quality control and good customer service, our products have been widely used in cooking ovens for **crocery, sanitary ware, ceramic insulators, grinding wheels, etc. .**, where the working temperature is **higher than 1,300 ° C** or with heavy load.



In many companies, and in competition with other suppliers, it was shown that our products in Alumina and SiC were **better in performance, energy savings and lifetime.**



CERATEM



supports and plates for furnaces

Comparison of different qualities

Item		SiC Ceratem	Clay Bonded SiC	RSiC	NSiC	Cordierite Mullite
Flex resistance	Mpa	50	32	110	170	15
Maximum Temperature	°C	1550	1450	1650	1550	1300
Density	g/cm3	2.75	2.40	2.70	2.70	2.00
Thermal Conductivity	W/m.K	16	11	27	17	1.0
TEC (20-1000 °C)	10 ⁻⁶ /°C	4.9	5.0	4.8	4.4	2.7
Energy Savings						
Width Requirements						
Price						

