

Kiln Furniture

“SiSiC - Sintered Silicon Carbide Products”

It is a family of products that if correct field of application is selected, it provides more cost-effective solutions and gives efficient results compared to other types of silicon carbide products (RSiC and NSiC).

Features

- High temperature resistance.
- Provides energy saving as it is lightweight.
- Very high thermal conductivity.
- Low heat storage.
- Long service life.

General Applications

Compared to other kiln furniture materials (particularly Cordierite), SiSiC products have high temperature resistance and load bearing capability. Therefore they are used in a number of industries such as ceramic, glass, magnetic products, powder metallurgy, chemistry, furnace with special atmosphere and solar energy systems, etc.



| SiSiC Products | General Features and Applications |
|---------------------------|---|
| SiSiC Beams | Being cost-effective, they are preferred for sanitary ware, porcelain, ceramic, insulator up to 1350°C and in various high temperature applications. |
| SiSiC Plates and Setters | Due to their high temperature resistance and thermal conductivity, SiSiC plates are preferred instead of cordierite products for the production of ceramic, porcelain, sanitary ware and powder metallurgy. |
| SiSiC Protective Tubes | As being cost-effective compared to RSiC and NSiC, they are used for sanitary ware, porcelain, ceramic, insulator and various high temperature applications. |
| SiSiC Customized Products | SiSiC products are also made in various sizes and forms tailored to the customer requirements. |