



Furnace Modules

- Coke Ovens
 - Converter
- Furnace Modules
- Electric Arc Furnaces
 - Panel Gaskets
 - Torpedo Ladle
 - Panel Seals
 - Ladle
- Silica Blocks & Boards
 - Degasser
 - Furnace Panels
- Continuous Casting
 - Blast Furnaces
- Reheating Mill Furnace
 - Hot Blast Stove

Pyro Shield manufactures furnace modules that are set or mounted by a one shot anchor in the furnace. These modules are used for a pressure seal or furnace liner. The liner or module comes up 1" to 12" thick with a surface size of TBD for your application. The modules are made from a Silica Needled Mat withstanding steady state temperatures of 1800F. Our sales staff will design and quote the module for application.

We produce furnace modules, panel gaskets, and seals for many types of furnaces. We also have silica blocks and boards for higher temperature furnace duct work and exhaust systems. We use pre-shrunk SNM as a ceramic paper replacement. These items are a refractory replacement.



Pyro Shields SNM (Silica Needled Mat) holds together and will outlast your typical ceramic fiber and boards. We pre-shrink the fiber for all internal furnace applications. The material pre-shrink silica blanket will increase tensile strength by five times after being heated. Here is a good example; a one inch silica mat can be soaked in water and still maintain its characteristics vs. ceramic fiber. Ceramic fiber just rips in pieces when it is exposed to water which brings you too a durability issue. Let Pyro Shield help upgrade your furnace today and acquire Pyro Shields own SNM Blankets.

Temporary Furnaces

We offer furnace panels for the construction of temporary furnaces around those projects where the application calls for this type of heating, whether it be a one time or one project disposable furnace.