

Carbon Fired Technologies



What is ACI Technology?

When designing a decorative appliance that can handle extreme heat in the firebox, the challenge arises on how much space the appliance will require due to the heat radiated from the appliance. Taking this into consideration, Carbon Fired Technology has come up with a solution to achieve lower clearances. ACI technology, or aircrete technology, is used as a thermal insulation in the walls of the appliance.

Consistency

In order to achieve even thermal protection, the ACI needs to be weighed as each batch is made. The density of the foam is regulated by the foam machine, creating a shaving cream consistency.

Data

ACI consists of Portland cement, water, sunlight soap, and Drexel fm160.