



FB Blanket

Specifications and Installation Instructions

Description

FB Blanket is the perfect oven dome insulator. It is a flexible woven ceramic blanket that is both highly efficient and easy to install. An Alumina Silicate product originally designed for industrial applications, such as aluminum melting and holding furnaces, the cost of FB Blanket has fallen to where it is now used as the only dome insulator, making vermiculite obsolete. A 3" thick layer of FB Blanket reduces the potential 800°F exterior of a pizza oven dome to roughly 170°F at equilibrium.

Each Forno Bravo oven comes with 50 sq. ft. of FB Blanket, enough to cover the oven with at least a 1" thick layer.

Properties

- Easy to install and to work with;
- Light weight; easy to ship and handle;
- Easy to cut and place.

Mechanical

Size: 25'x24"x1"

Volume: 50 sq. ft.

Weight: 37.0 lbs.

Covers a 42" wood oven dome with one layer.

Technical Characteristics

Maximum Service Temperature	2300°F
Bulk Density (lbs/cu. ft.)	8
Tensile strength (Mpa) Thermal Shrinkage 10%	0.08 - 0.12

Thermal Conductivity

400°C	0.09
800°C	0.176
Linear Reheat Shrinkage @ 1000°C	3%

Chemical Analysis

AL2O3	46%
AL2O3+SIO2	97%
Fe2O3	<1.0%
Na2O+K2O	<0.5%



FB Blanket

Installation

Always use a breathing mask and gloves when working with any type of ceramic insulation.

You can cut FB Blanket with any type of blade or knife.

Assemble your FB Blanket to fit around your oven dome with minimal cuts. Fold the FB Blanket for curves when necessary.

Overlap all joints with at least 2" of FB Blanket to maintain a solid insulating layer.

Depending on your oven enclosure, you can secure FB Blanket with chicken wire and wire, allowing you to apply vermiculite insulating concrete directly over the FB Blanket.

Multiple layers for a thickness of at least 3" of FB Blanket is recommended to fully insulate a residential wood pizza oven.