



Holmes Building Materials

Lumber * Millwork * Paint * Electrical * Plumbing * Windows * Doors * Insulation * Plywood * Roofing

I-4000 FIREPROOFING MIX SPECIFICATIONS

Industrial Sand Fireproofing Mix is manufactured by Louisiana Cement Products, Inc. and bagged by Easy Crete, Inc. in Greenwell Springs, Louisiana with a private label for Holmes Building Materials.

The Fireproofing Mix is shipped to the jobsite ready to be mixed with water for poured in place or hand packed application. Product should be installed in accordance with ACI1318 for structural concrete.

When used as a Shotcrete Application, product should be installed per ACI506.2-95 specification for shotcrete.

Each 80lb bag (42 bags per pallet) contains the following mixture:

- 24 lbs Portland Cement ASTM C-150
- 40 lbs Masonry Sand ASTM C-33
- 16 lbs Course Sand ASTM C-33

These materials are blended from dried, screened sand not to exceed 3/8" diameter and bagged for jobsite delivery.

When poured in place, the product is designed to provide 4500 PSI break strength after 28 days.

To ensure superior quality control, the following steps have been implemented:

1. A batch number and pallet number will be attached to each pallet, allowing better stock rotation. For example, batch number 42702-1 indicates the label is attached to pallet 1 of batch run on April 27, 2002. The second pallet in this batch will be labeled number 42702-2.
2. Lab tests are conducted on each batch of industrial sand mix manufactured. The test-lab number is the same as the batch number on the product.
3. The industrial sand mix is bagged in a private label bag for Holmes Building Materials to distinguish it from other "regular" sand mixes available from other suppliers.