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**ALSEY**  
refractories co.

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**strength. quality. pride.**

## why choose alsey?

Alsey Refractories, a privately held company, has been manufacturing the United States' premier fireplace brick since 1906. Our fireplace brick is the choice of discerning masons, OEM's, and homeowners who demand a high-quality firebrick.

Alsey products are made with 100% U.S. materials and labor while meeting and exceeding all applicable ASTM Standards and national building codes.

### residential brick

Our **Smithfield** unbranded fireplace brick is made from famous Missouri fireclay and, as a result, these bricks are highly regarded for their sharp edges and corners, a uniform light buff color, and superior refractory qualities.

### residential mortar

We have developed dry, hydraulic setting, non-water soluble, medium duty refractory mortar for use with firebrick and clay flue tile.

This mortar is available in convenient 1 gallon pails for small jobs and 3½ gallon pails for contractors. We also offer **Flue-Set**, a non-water soluble mortar, designed to meet new stringent building codes for laying up flue tile. **Flue-Set** is a great product to use in outdoor applications when laying up brick in BBQ pits and outdoor fireplaces.

Refractory mortar is a high temperature resistant material that does not expand or disintegrate when heat is applied. As a result, we have developed **ALSEY Air-Set Refractory Fireplace Mortar** and **FLUE-SET Non-Water Soluble Refractory Mortar** to meet these requirements. These medium duty refractory fireplace mortars conform to all applicable building codes (The International Code Council, The International Residential Building Code and The National Fire Protection Association) and are tested to ASTM C199 Medium Duty.

Available in an easy-to-use, pre-mixed form **ALSEY Air-Set**, an airsetting mortar, is intended for indoor use. Applications, such as outdoor fireplaces, fire pits, pizza ovens, bread ovens, etc., exposed to weather require **ALSEY Flue-Set**, a hydraulically setting mortar, in order to resist these outdoor elements. This dry mortar must be mixed with water and can be used for firebrick and clay flue tile installation. Product information sheets are available upon request to help determine which **ALSEY** mortar is best suited to your application.

### residential stain

Permanent, 3000°F, high-temperature firebrick and mortar stain is specifically made in seven different colors (shown next page). This stain is designed and approved for use in all new and previously used masonry fireplaces.





**Jet Black**

**Cappuccino**

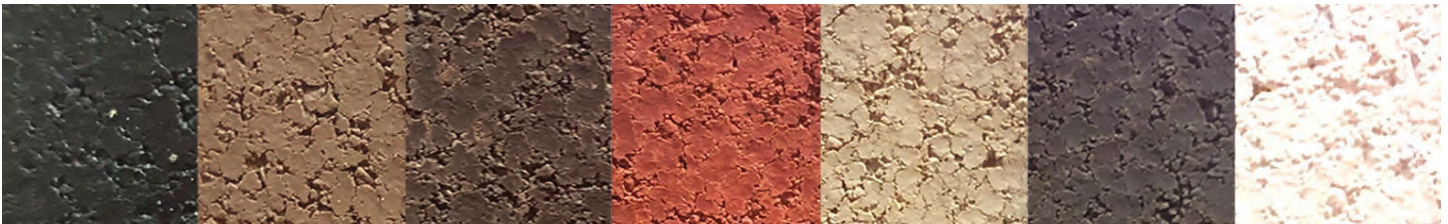
**Bordeaux**

**Merlot Red**

**Creamer**

**Espresso**

**Leche**



**Smithfield Medium Duty Firebrick**

	<b>Part #</b>	<b>Pcs/Plt</b>	<b>Weight</b>
9x4½x1¼" #1 Split	AB1MDFB1001	888	3.9
9x4½x1¼" #1 Split	AB1MDFB1001	444	3.9
9x4½x2½" Straight	AB1MDFB1006	456	7.7
9x4½x3" Straight	AB1MDFB2006	384	9.2
9x4½x2½" Straight	AB1MDFB1006	304	7.7

**Medium Duty Mortar (Indoor)**

<b>ALSEY SMITHFIELD Airset Mortar Medium Duty</b>			
15# pail (4 per case)	ASPALSEMD0115	30	60
50# pail	ASPALSEMD0150	48	50
10 oz. Caulk Tube (case of 12)	ASPALSEMD01TUBE	60	18.5

**Medium Duty Mortar (Outdoor)**

<b>ALSEY Flue-Set Non-Water Soluble Refractory Mortar</b>			
10# pail (4 per case)	ASPALSEMD0210	30	40
50# bag	ASPALSEMD0250	48	50

**Castables**

ALSEY Hi-Cast 45 – 55# bag	ASPALSEC45055	64	55
ALSEY Hi-Cast 60 – 55# bag	ASPALSEC60055	64	55

**Super Duty Mortar**

ALSEY PILOT 3000-T Super Duty Mortar (15#/4)	ASPALSESD0015	30	60
ALSEY PILOT 3000-T Super Duty Mortar	ASPALSESD0055	48	55
ALSEY PILOT 3000-D Super Duty Mortar	ASPALSESD0155	48	55
ALSEY PILOT 3000 Dry Super Duty Mortar	ASPALSESD0355	64	55
ALSEY PILOT 3000 Heat Set-Dry	ASPALSESD0455	64	55

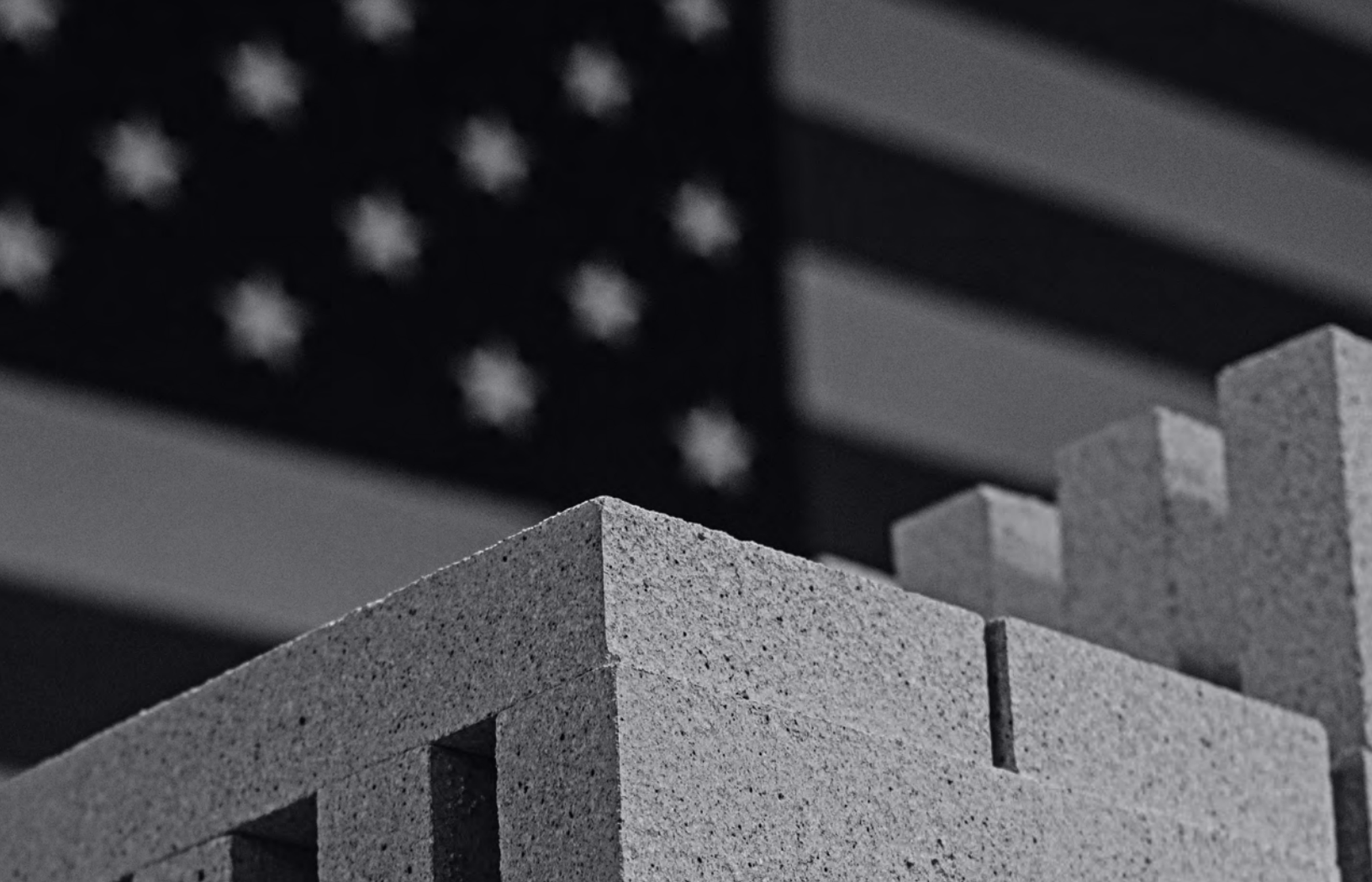
**Firebrick Stain and Color Enhancer**

Gallon			10
Quart			2.5
Case (4 quarts)			10.5

International Building Code (Chapter 21 Masonry) & International Residential Code (Chapter 10 Chimneys and Fireplaces)

1. Flue liners shall be installed in accordance with ASTM C1283 and shall be laid in medium-duty refractory mortar conforming to ASTM C199.

2. Firebox & smoke chamber walls require firebrick conforming to ASTM C27 or C1261 and shall be laid with medium-duty refractory mortar conforming to ASTM C199.



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