**PRODUCT DATA**

**FIREBRICK STAIN & COLOR ENHANCER**

**ALSEY Firebrick Stain and Color Enhancer**

**Description:**
Permanent, high temperature refractory firebrick & mortar stain designed and approved for use in new and previously used vented masonry fireplaces.

**Sizes:**
- One Quart (.946 liters) metal cans
- One Gallon (3.784 liters) metal cans

**Colors:**
- Merlot (face brick red) [2A4000 = qt, 2A4004 = gallon] Jet (dark black) [2A4100 = quart, 2A4104 = gallon]
- Bordeaux (red brown) [2A4200 = quart] Rust (orange brown) [2A4300 = quart, 2A4304 = gallon]
- Espresso (dark brown) [2A4400 = quart] Cappuccino (medium brown) [2A4500 = quart]
- Mossy (green) [2A4700 = 1 quart]

**Uses:**
Creamer (buff) [2A4600 = 1 quart]

**Application:**
- Firebrick can be stained before lay-up to provide a contrast to the mortar color or after lay-up for a monochromatic look; however, for best results apply after firebox has been constructed.
- Use a wire brush to loosen the light layer of soot on the brick before applying stain to an existing “working” fireplace. Shake can vigorously for 30 seconds. Apply stain with a bristle brush. Apply a second coat if a darker appearance is desired. Some colors may require 3-4 coats to obtain an opaque look. Please allow 24 hours to completely dry. The wet color of the stain is not indicative of the end result color.

**Notes:**
This product is specifically formulated to coat Alsey products. Firebrick with different porosities may require a heavier application or a slightly longer dry time. Mortar must be cured before stain can be applied. Do not add stain to wet mortar mixture. Firebrick must be completely dry; any moisture within the brick could affect the adhesion of stain after it is cured. For vent-free systems please consider our Vent-Free Firebrick Stain & Color Enhancer.

**TYPICAL TEST DATA**

**Refractoriness**................................................................. 3000°F

**Suggested maximum operating temperature to prevent discoloration** ........................................... 2000°F

**Colors**.............................................................
- Merlot (red)
- Jet (black)
- Bordeaux (red brown)
- Rust (orange brown)
- Espresso (dark brown)
- Cappuccino (medium brown)
- Mossy (green)
- Creamer (buff)

**PHYSICAL PROPERTIES**

**Viscosity**............................................................. 45-55 sec 4FC

**pH**................................................................. 8-9

**VOC Content**..........................................................
- Material VOC 45g/L (.37#/G)
- Coating VOC 260g/L (2.16#/G)

**Solids Weight**............................................................. 18-25% varies with color
**Solids Volume** .................................................. 10-15% varies with color

**Thinning/Cleanup** .................................................. Water

An SDS is available upon request.

The above properties represent average results of typical data produced from standard ASTM test methods on a 9" straight. Specifications should not be considered guaranteed. Alsey Refractories Company makes every effort to ensure consistency in our products; however, properties may vary due to standard statistical manufacturing deviations. Alsey Refractories Company reserves the right to modify this data at any time without prior notice.