



PRODUCT DATA

Brand Name:

A-O BRUSH MIX

Description: A-O BRUSH MIX is an oxidation protective coating for carbon containing refractory shapes. A-O BRUSH MIX is especially designed to coat MgO-C slagline brick of ladles by brushing or spraying to protect from carbon oxidation during the preheating period by forming high viscosity frits. It begins to soften at approximately 750°F and frits at 1100°F when formation of a dense layer seals the brick surface and joints to stop the penetration of oxygen. The molten A-O BRUSH MIX is very reactive. It reacts at high temperatures with viscosity increasing agents being part of the product, as well as with the MgO of bricks. Due to this property, A-O BRUSH MIX forms a protective layer even at 2500°F without flowing off.

Physical properties shown are average values of samples taken under controlled conditions
ASTM test methods used where applicable

Chemical Description:

Reactive polyphosphate glass with addition of viscosity increasing agents. P₂O₅ content is approximately 35%

Typical Application:

By brushing or spraying on warm (100-150°F) surface of bricks. One gallon of A-O BRUSH MIX is sufficient to coat approximately 40 ft² of surface.

Standard Packaging: 55 lb. pails. 48 pails per pallet

Recommended Storage:

A-O BRUSH MIX should be stored between 32°F (0°C) and 100°F (38°C).

Brand Code: 0102

The properties shown on this data sheet represent typical average results using standard ASTM test methods (unless otherwise noted) conducted under controlled condition (using standard rectangular shapes), and should not be considered to be guaranteed specifications. Properties are subject to normal manufacturing statistical standard deviation ranges, and Resco Products, Inc. reserves the right to modify the properties and specifications at any time without prior notice.

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