



Mortars

Product Data

A-O BRUSH MIX

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.

Chemical description:

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

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:

48 - 55 lb. pails per pallet

Storage:

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

The properties shown on this data sheet represent typical average results generated 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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