

FUSED SILICA
HOT PRESS PLATENS
CASTABLE CERAMICS
FIRED SHAPES
AEROSPACE TOOLING

Foundry Service & Supplies, Inc.

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HI-TEMP INSULATIONS
CALCIUM SILICATE BOARDS
MILLBOARD AND BLANKET
PAPERS AND CEMENTS
CUTTING AND FABRICATING

Morco Fiber Adhesive

TYPE: An air-setting adhesive of thin consistency and high surface tension, designed primarily for applying ceramic wool modules to both vertical and horizontal surfaces and for cementing ceramic fiber boards and blankets to each other or to other refractory surfaces.

Air Setting
Packed in 80 lb. or 55 lb. plastic pails.

APPLICATION: Troweled onto surface of module - approximately 1/2 to 3/4 lb./sq. ft.

TYPICAL TEST DATA

(According to ASTM Standard Test Methods, where applicable)

<u>Pyrometric Cone Equivalent (PCE)</u>		31 - 32
<u>Temperature Equivalent</u>	3061 - 3123°F	1683 - 1717°C
<u>Limit Use</u>	3000°F	1650°C
<u>Chemical Analysis</u>		
Silica	(SiO ₂)	46.4
Alumina	(Al ₂ O ₃)	45.1
Ferric Oxide	(Fe ₂ O ₃)	1.6
Titania	(TiO ₂)	1.9
Calcium Oxide	(CaO)	0.2
Magnesia	(MgO)	0.1
Alkalies	(Na ₂ O - K ₂ O)	4.7
		100.0
<u>Refractoriness Test (2910°F - 1600°C)</u>		Passes
<u>Bond Strength After Drying (230°F - 1600°C)</u>	<u>lbs./in²</u> 150 - 300	<u>kg./cm²</u> 11 - 21
<u>Particle Size</u> - Complies with ASTM C178 requirements for mortars.		
<u>Amount required to lay 1,000 brick</u>	Approx. 350 lb.	158 kg