



Technical Data

K/R PATCHBOND INDUCTION FURNACE PATCHING MORTAR

FEATURES	A magnesite mix mixed with about 10% water to produce an adhesive patching mortar, it is used to build up, by hand troweling, worn areas and cracks in induction furnace linings. It is also used to form the pouring lip and finish the top of high frequency furnaces. Has excellent volume stability and high strengths.		
PHYSICAL PROPERTIES (ASTM procedures used where applicable)		<u>g/cm³</u>	<u>lb/ft³</u>
	Bulk Density:		
	Fired to 300F/150°C	2.34	146
	Fired to 1500°F/815°C	2.26	141
	Fired to 2550°F/1400°C	2.29	143
		<u>kg/cm²</u>	<u>lb/in²</u>
	Cold Crushing Strength:		
	Fired to 300°F/150°C	265	3800
	Fired to 2550°F/1400°C	175	2500
	Linear Change, %:		
	After 3000°F/1650°C		-1.8
CHEMICAL ANALYSIS (Ignited)	MgO (by Diff.)	91.2%	
	SiO ₂	5.5	
	CaO	1.4	
	Al ₂ O ₃	1.0	
	Fe ₂ O ₃	0.9	

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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