



Plastics and Ramming Mixes

Product Data

RESCORAM 90 F

RESCORAM 90 F is an extra-high alumina, phosphate-bonded patching consistency product. This product has high strength throughout its useable temperature range and has excellent resistance molten metal, slag, abrasion and impact. Rescoram 90F is designed for patching applications and will adhere to existing refractory surfaces.

Maximum Service Temperature: 3100°F (1704°C)

Bulk Density: (As installed) 183 lbs/ft³ (3072 kg/m³)

Modulus of Rupture:

1500°F (815°C) 1800 psi (168 kg/cm²)
2500°F (1370°C) 2940 psi (248 kg/cm²)

Drying Shrinkage (green - 220°F): 1.1 %

Permanent Linear Change (%):

(220°F to fired)
1500°F (815°C) 0.20
2500°F (1370°C) 0.60

Typical Chemical Analysis (%):

Al ₂ O ₃	SiO ₂	Fe ₂ O ₃	CaO	MgO	TiO _L	Alkalies	P ₂ O ₅
91.3	4.5	0.2	0.2	0.2	0.1	0.2	3.5

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.

RESCO PRODUCTS disclaims any express or implied warranties based on this sheet.

02/05/08 is the date that this data sheet was updated. Check with your RESCO sales representative or RESCO website to determine you have the current sheet