

# MILBRO REFRACTORIES, INC.

## SUPER-FLOW<sup>®</sup> 24

An extra strength, hydraulic setting, refractory castable, with excellent resistance to erosion and abrasion at moderate temperatures. Product is ideal for use in kiln car tops and piers in annealing furnaces. Super-Flow 24<sup>®</sup> is a self-leveling castable that can be cast or pumped in to place.

<b>Service Temperature</b>	<b>3400° F</b>
<b>Material Required for Estimating</b>	<b>125 lbs./ft<sup>3</sup></b>
<b>Mixing Water Required</b>	<b>5.0 - 7.0 qts./100 lbs.</b>

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	36.7
SiO <sub>2</sub>	43.8
Fe <sub>2</sub> O <sub>3</sub>	2.2
TiO <sub>2</sub>	2.3
MgO	0.2
CaO	14.8

### TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1300	6600	0.0
1000°F	1250	5850	0.2 S
1500°F	1000	4725	0.2 S
2000°F	1400	5900	0.1 S

All data shown is based on average results of standard ASTM procedures, unless otherwise indicated. Results are subject to reasonable deviation and should not be used for specification purposes.