



THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

THERMOSEAL® THERMAL COATINGS

THERMOSEAL® THERMAL COATINGS are high-temperature resistant materials that provide protection from flame erosion, molten metal corrosion, and surface hardening. Applied by brushing, rolling or spraying, our THERMOSEAL® THERMAL COATINGS are available in several formulations for your exact application requirements.

AVERAGE PHYSICAL PROPERTIES

	P110	P120	P130	P162
Appearance	Thick Paint	Light Paste	Heavy Paste	Thick Paint
Color, wet/dried	White	White	Green	Black
Use Limit	2300°F • 1260°C	2300°F • 1260°C	2300°F • 1260°C	500°F • 260°C
Typical Layer Thickness	2 mils	0	10 mils	2 mils
Coverage, SF/gallon	60	30	20	60
Solids Content, %, wet	70	71	73	50
Composition, %, dry				
Alumina	79	79	81	0
Silica	18	18	16	30
Titania	2	2	2	0
Other	1	1	1	70

Tolerance is +/- 10% unless otherwise noted.

INSTALLATION Mix THERMOSEAL® THERMAL COATINGS well before using. Surfaces to be coated or treated should be cleaned and roughened prior to application for best adhesion. The mix and the substrate should be between 60°F • 15°C and 80°F • 27°C for best results. Dry each coat, either air dry or heat with external source prior to applying additional coats, if desired. Firing above 1600°F • 871°C will create ceramic bonding in the coating to increase the strength.

PACKAGING THERMOSEAL® THERMAL Coatings are available in one gallon cans (4/case), five gallon plastic buckets and 55 gallon drums. DO NOT allow material to freeze.

The technical data presented herein are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.