



Mid-Mountain Materials

THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

THERMOSEAL® COATINGS

THERMOSEAL® Coatings are a family of high temperature materials that may be applied by brushing, rolling, dipping or spraying. The coatings are used on materials that require protection against flame erosion, surface hardening and metal corrosion.

AVERAGE PHYSICAL PROPERTIES

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

APPLICATIONS

P110 • P120 • P130

Adhering fibrous materials to substrate
 Coating for furnace lining repair
 Molten metal splash protection
 Protective coating for hose and cable covering
 Sealing agent for leakage: furnace, boiler and kiln
 Induction furnace coil coating

P162

Seals back surface of ceramic fireplace inserts and refractory panels.
 THIS ELASTOMETRIC COATING OR SPRAY FORMS A DURABLE AND FLEXIBLE SEAL AFTER CURING AND IT IS DESIGNED TO STOP THE PASSAGE OF SMOKE AND FUMES.

*Primary difference in the above formulation is the viscosity of the mix.

Weather-resistant coating for Ceramics
 Bonding for fibrous materials

INSTALLATION

Mix THERMOSEAL® Coating 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

Available in one gallon cans (four cans per 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.