



Mid-Mountain Materials

THE FINAL BARRIER AGAINST ABRASION, CHEMICALS AND HEAT

THERMOSEAL® CEMENTS

A family of high temperature resistant cements carefully formulated to withstand thermal expansion and contraction under fluctuating heat conditions. THERMOSEAL® Thermal Cements are excellent for use when placing gaskets and seals in wood and coal stoves, fireplaces and furnaces.

AVERAGE PHYSICAL PROPERTIES

	Thermoseal 500 Cement	Thermoseal 1000 Cement	Thermoseal 1000 SF Cement
Chemistry	Cement	Silicate Paste	Silicate Paste
Consistency	Spreadable	Thick	Thick & Fibrous
Color, wet	Gray	Black	Black / Buff
Color, dried	Black	Black	Black
Use Limit, °F • °C	500 • 260	1000 • 538	1000 • 538
Cure	Air Setting	Air Setting	Air Setting
pH	Mildly Alkaline	Mildly Alkaline	Mildly Alkaline
Applications	-	Adhere metal to metal	Fiberglass to metal adhesion
	-	Holds gasket in place without burn-off	Seals air & gas leaks in furnaces, burners
	-	Ideal for Firebox repair	Withstands expansion and contraction
	-	Good for brick repair	Fills stove and pipe cracks
Packaging (cartridges)	-	11 oz & 32 oz	11 oz & 32 oz

INSTALLATION

For best performance, clean surface thoroughly before applying THERMOSEAL® Thermal Cement. The cement has a high initial tack and viscosity that holds the cement in place and prevents running, yet is low enough to allow good penetration into fibers and pores creating excellent bonds on most surfaces. The cement is typically tack free in 30 minutes. Air Setting typically completes in 24 hours. Optimum cure is heat setting that takes 2-4 hours in normal stove, fireplace, and furnace start-up conditions.

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.