

# CERAMIC ADHESIVES AND PUTTY

Room Temp. Cure, Use to 3000°F

## 2300°F - Ceramic Putty Cures at Room Temperature

Thermeez™ 7020 Ceramic Putty is made from high purity, Aluminum Oxide based, ceramics that have a melting point in excess of 3200°F.

Thermeez Ceramic Putty is formulated with special ceramic binders that upon drying produce a strong ceramic body. It is the equivalent of Plastic Wood.

Just apply and let dry. Cures in 24 hours at room temperature. Resistant to molten metals, most chemicals, oxidizing and reducing atmospheres.

Use for instant repairs to brick, burner blocks, insulation, furnaces holders, thermocouples, etc.

**Applications include** molding and bonding ceramic fiber components, high temperature insulation, insulation of pipes, supports, burners, turbines, etc.

Repair of cracked or damaged ceramic insulation, liquid metal handling components, brazing fixtures and supports, thermocouples insulation, etc.



Cat. No.	Temp.	Size
Thermeez™ 7020-5.....	2300°F.....	3 - 4 oz Tubes
Thermeez™ 7020-3.....	2300°F.....	11 oz. Cartridge
Thermeez™ 7020-6.....	2300°F.....	1 Gallon Pail

## 3000°F - RESCOR™ 901 Adhesive and Protective Coating Bonds, Laminates, Molds and Rigidizes

Rescor™ 901 Ceramic Fiber Adhesive and Coating is a high purity, Alumina Oxide base, Ceramic Composite that combines the refractory properties of Alumina with ceramic fiber reinforcement.

No organics. No solvents. No VOC's. No out gassing. Provides excellent resistance to oxidizing and reducing atmospheres, molten non-ferrous metals, steam, most chemicals and solvents.

Packaged in a ready to use, rich, creamy paint form. Just re-mix and apply.

It is easily applied by brushing, spraying or dipping and cures at room temperature to form a hard surface coating.

Use as an adhesive for bonding porous ceramics, as a coating for flame, oxidation, corrosion and erosion resistance and as a chemical barrier against diffusion and wetting in high temperature processing.

Cat. No.	Temp.	Size
Rescor™ 901-1.....	3000°F.....	Quart
Rescor™ 901-2.....	3000°F.....	Gallon
Rescor™ 3901-1.....	3000°F.....	Quart

Rescor™ / Thermeez™ Cat No.	FIBER ADHESIVE 901	CERAMIC PUTTY 7020
Appearance	White Paste	White Putty
Mixed Density (lb./ft <sup>3</sup> )	120	40
Melting Point (°F)	3200	3200
Continuous Use Temp. (°F)	3000	2300
Compressive Strength (psi)	1200	1500
Specific Heat (BTU / # °F)	0.25	0.25
Thermal Cond. (@ 500°F) (BTU in. /Hr. Ft <sup>2</sup> °F)	2.00	0.65
Dielectric Strength (volt/mil.)	200	100
Dielectric Constant (@10 <sup>8</sup> cps)	1.61	1.61
Loss Factor	0.017	0.017

