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SpackleKote Z

Water-based Refractory Spackling Putty usable to above 1400 C

SpackleKote Z is a ready-to-use, water-based, Zirconia-loaded putty that can be applied to ceramic substrates with a putty knife, trowel, or spatula to fill or repair. After applying and drying or firing onto ceramic parts, the region can be sanded or scraped.

Key Attributes

- Forms a strong, yet porous ceramic layer
- Sandable/scrapable spackle layer forms after drying or firing
- Good for thin and thick application without cracking
- Usable to ≥ 1400 C
- Water-based, safe, and easy to use and cleanup
- Resists cracking
- Contains no Refractory Ceramic Fiber

Ideal Use

- Patching, sealing, repairing, filling of fissures, holes, and pock marks
- Providing a stable refractory surface based on Zirconium Oxide (Calcium-stabilized)

Use Notes

1. Remove any surface oil, dust, grease, scale, or other coating.
2. Stir until uniform.
3. Apply with putty knife, trowel, or spatula to desired thickness.
4. Thoroughly dry at room temperature, preferably overnight, before heating to desired use-temperature.

Safety Information

- Consult SDS before use.
- For Industrial Use only.



Specifications

Active Ingredient	Zirconium Oxide, Yttrium Oxide, Aluminum Oxide
Max Use Temperature with	All Atmospheres ≥ 1400 C (2552 F)
Fired Composition	$>85\% \text{ZrO}_2/\text{Y}_2\text{O}_3$
Liquid Carrier	Water
Binder Phase	Proprietary
Specific Gravity	2.1
Viscosity	Paste/Putty
Color	Cream
Shelf Life (months)	>12
Coating pH	Near 8
H F R Ratings	1-0-0
Substrate Use	Ceramics*

*Note: best with ceramics such as Alumina or firebrick.

Sizes and colors

SpackleKote Z is a cream colored putty.

Standard Sizes: 1 qt. or 8 oz epoxy-lined can

CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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