



PYROTEK COATING 3321

REFRACTORY/CERAMIC COATING

Pyrotek Coating 3321 is an abrasion resistant coating that protects ladles, tooling and other refractory shapes from molten aluminium.

PHYSICAL PROPERTIES

Property	Value
Active Ingredients	Titanium dioxide, calcined clays
Color	Shaded grey
Liquid Carrier	Water
Specific Gravity	1.31
Brookfield Viscosity (cps) @ 3/20	1450-1750
pH	10-12
Shelf Life	12 plus months

BENEFITS

- Highly durable and abrasion resistant
- Smooth finish
- Supplied ready to use
- Shaded grey to visually assist in application
- Cost-effective alternative to boron nitride coatings in high temperature hypereutectic alloy applications

APPLICATIONS

- Ceramic or metal ladles
- Tooling
- Other refractory shapes

AVAILABILITY

- Pyrotek P036-151001: 3.79 L (1 gal) pail
- Pyrotek P036-151005: 18.93 L (5 gal) pail

USE INSTRUCTIONS

Pyrotek Coating 3321 is intended to be used as received. Do not dilute the coating with water unless it is necessary for application.

1. Thoroughly clean the surface being coated of dirt, oil, grease, old coatings and other impurities.
2. Stir the coating thoroughly prior to use.
3. Brush is the preferred application method, but the coating can also be applied by sprayer.
4. Apply the coating evenly and in thin layers. Two 25-50 micron (1-2 mil) coats are recommended. Let the primary coat dry completely before applying the second coat.

Refer to the Pyrotek Application of Coatings Manual (P/N 999) for additional information.

STORAGE

- Store indoors and keep the coating from freezing. If the coating freezes, allow it to thaw completely prior to use
- Keep any unused coating in the original, securely closed container to prevent evaporation and contamination

HEALTH AND SAFETY

Prior to use, refer to the product safety datasheet for proper handling and required personal protective equipment.

WARNING: Never contact wet coatings with molten metal.

