

SETATHANE[®] E 2017

INTRODUCTION

SETATHANE E 2017 is suitable for formulation of cementitious 3K-PUR-screed for the food and beverage industries. Mortars formulated with SETATHANE E 2017 and diphenylmethane type diisocyanates generally exhibit very good thermal-shock resistance and resistance to organic and inorganic acids, and solvents. Over-crosslinking of 400% or more is typical. No additional water or solvent should ever be added to this.

TYPE

polyol emulsion

FORM OF DELIVERY (F.O.D)

70% in water

PRODUCT DATA

Non-Volatile, by wt.:	70 ± 1.0 %
Viscosity (23°C/73.4°F):	600 – 1000 cps
Hydroxyl content (theoretical):	2.3 – 2.9%
Water content:	28-32 %
pH:	6 - 8
Density, at 20°C:	8.12 ± 0.1 lbs/gal.
HEW, as supplied:	733
Flash Point:	>210° F
Non-volatile, by vol.:	70.8%

PERFORMANCE HIGHLIGHTS

1. No co-solvent
2. Very good thermal shock and chemical resistance
3. Excellent flow and leveling
4. Good working time or pot-life
5. Excellent release of air and gases

SUGGESTED USES

1. Binder for thermal-shock resistant cementitious 3K PUR screed for the food and beverage industries

STORAGE

In the original sealed containers, this product is stable for 1 year at temperatures above 32°F or below 90°F. **NOTE:** Freezing may damage the product irreversibly. During storage, the product may undergo phase separation. For this reason, it should be re-homogenized before use.

PRECAUTIONS

To ensure blister-free curing, SETATHANE E 2017 requires the addition of hydrated lime with the cement as a CO₂ scavenger. Before using SETATHANE[®] E 2017, see the Safety Data Sheet (SDS) for information on the identified hazards of the material and the recommended personal protective equipment and procedures.

STORAGE AND HANDLING

Care should be taken not to expose the product to high temperature conditions, direct sunlight, ignition sources, oxidizing agents, alkalis or acids. Storage and handling should be in stainless steel. Wash thoroughly after handling. Keep container tightly closed. Use with adequate ventilation. See the SDS for the recommended storage temperature range for SETATHANE[®] E 2017.