



Flex-Sealer 1000™ Technical Bulletin

GENERIC TYPE:

Advanced technology, water based, aliphatic, acrylic polyurethane.

RECOMMENDED USAGE:

FLEX-SEALER 1000 is used as a final seal coat for broadcast systems, to seal concrete floors and eliminate dusting, to enhance the color and provide gloss for stone, wood and masonry products, and as a clear sealer for epoxy stone and other decorative systems. FLEX-SEALER 1000 can be used on concrete wood, steel, stone, masonry and FlexKrete.

KEY FEATURES:

- Single Component
- Quick Drying
- Medium to High Gloss
- High Hardness
- Good Impact Resistance
- Excellent Adhesion
- Abrasion Resistance
- Excellent Flexibility
- Zero VOC
- Stable in Sunlight & Florrescent.

APPLICATION:

Mixing—Power mix, or invert and shake well before using.

Temperatures—Should not be applied below 45° F.; surface cannot be wet, but can be damp.

Equipment—Use good quality brush or roller; use single direction strokes with bristle brush, and crosshatch method with short nap roller. Can be sprayed with conventional or airless sprayer.

Surface Prep: Should be free of dirt, dust, contaminants, oil or concrete additives. Existing coatings may either be removed or abraded, to provide an anchor profile for proper adhesion.

Thinning—No thinning is required.

PHYSICAL DATA:

APPEARANCE	Clear
SOLIDS BY VOLUME	45%
PH (AS LIQUID)	7.1-8.0
FLASH POINT	None
WEIGHT PER GALLON	8.8 LBS
100% MODULUS	>2800PSI
TENSILE STRENGTH	>5000PSI
ELONGATION	>200%
SWARD HARDNESS	30
SOLVENT	None
FREEZE/THAW CYCLE	Stable

COVERAGE:

Recommended Coverage—3 to 4 mils wet, will yield approximately 1½ - 2 mils dry film thickness. Allow the first coat to dry to touch before applying second coat. (Approximately 1 hour @ 77° F.)
Theoretical Coverage—240 square feet per gallon @ 3 mils wet. **APPLY THIN—DO NOT PUDDLE.**

SHIPPING & STORAGE:

5 Gallon Containers—44 lbs.

Store at 40° F. or above.

Shelf Life-1 year.