

CONTAINMENT SYSTEM / RESINOUS FLOORING

Use MetaSET 2700 Rubberized where flexibility and chemical resistance are needed. It is a 3 component urethane rubber system designed for high traffic, high impact and chemical resistant areas. Vertically integrated trowel applied system with roll on seal coat. Replaces conventional epoxy urethane system.

Recommended For:

- Secondary Containment
- Mining Industry
- Concrete Floors
- Walkways, Ramps, Decks and Steel Platforms
- Mechanical & Electrical Room Floors
- Tanks and Chemical Containment areas

Features:

- Outstanding Flexibility
- Fast Return to Service
- 3 component system
- Trace VOC
- Moisture vapor property up to 15lb/1,000 sqft/24hours.
- System is comprised of renewable components
- Electrostatic Dissipative Floor

FOR INDUSTRIAL USE ONLY

Surface Preparation: Steel: Apply urethane over clean, oil and moisture-free substrate. Clean in accordance with SSPC-SP6/NACE 3. **Concrete:** New concrete should cure for at least 30 days before coating. May be applied over cured concrete that has been properly cleaned. Oil, grease and sealers may inhibit bonding. For degreasing, scrub the concrete with a cleaner/degreaser and thoroughly flush with water. Wash the surface with a high- pressure washer. Generally CSP 4 or 5 is preferred.

Recommended Primers:

Self Priming for Superior Adhesion

Colors:

Black, custom colors available upon request.

Shipping Weight:

(approximate due to color, fill level and pigment)

SET2700 1 Gal Kit: (A)11.5 lbs. / (B)3.5 lbs.
SET2700 4 Gal Kit: (A)57.5 lbs. / (B)12.5 lbs.

Rubber 50 pound and 2000 pound supersacks

APPLICATION DATA

Optional Enhancers:
Liquid Lightning Accelerator
Will significantly decrease pot life.

Additive:
Granulated Rubber

Base Coat: 1/2" - 1"
Seal Coat: 16-20 Mil Wet/Dry

Pot Life @ 77°F (25°C):
10 minutes (avoid moisture contamination)
Consult manufacturer when using in high humidity (above 85%).

EQUIPMENT:

Apply By Smooth Trowel

Roller:
Urethane-grade roller

Brush:
China bristle brush, used to cut around corners

MIXING AND THINNING:

Three-component packaging. No Thinning Necessary. Add Rubber Additive after part A and thoroughly mix ensuring all rubber is coated before adding B component. Seal Coat is 3:1 Mix Ratio without Rubber Additive

Mixing:

Rubber Additive is packaged in 50 pound or 2000 pound supersacks

Rubber Additive: Add 10 pounds of rubber per 1 gallon kit in empty 5 Gallon pail

With optional Liquid Lightning Accelerator:

SET2700 (A) : SET2700 (B) : Rubber Additive
3 : 1 : 10 lb.

Mix parts thoroughly to ensure proper reaction.

Add 3-8 drops per gallon.

(NOTE: Will significantly decrease pot life.)

Ensure Accelerator is added after (A) and (B) component is mixed

CURE SCHEDULE @ 77°F (25°C):

Drying Time (light foot traffic)	2-3 hours
Curing Time	2 days
Recoat	2 hours

STORAGE CONDITIONS:

Store indoors @ 40°F-110°F (4.4°C-43.3°C)

CHEMICAL RESISTANCE

Although SET2700 exhibits resistance to these environments, this list is not meant to imply an express guarantee in actual service. It is recommended that the user contact Surface Engineered Technologies (SET) for specific recommendations when severe exposure is expected.

WATER

SALTS

ACIDS

SOLVENTS

ALKALIS

PHYSICAL PROPERTIES

PROPERTY	VALUE*
Finish	Gloss
% Solids by Volume	99% ± 2%
% Solids by Weight	99.4% ± 2%
Theoretical Coverage @ 1 mil	1588 mil sq. ft. per gallon, depending on color <i>The actual coverage will be less depending on application techniques, job conditions and type of surface to be coated.</i>
Viscosity at 77°F (25°C)	114 KU
VOC Actual	3.5 g/L / 0.06 lbs./gal.
VOC Regulatory	3.5 g/L / 0.06 lbs./gal.
Flash Point	Part A: <212°F (<100°C) Part B: <302°F (<100°C)
Weight of Volatiles	0.58% ± 2%
Weight of Exempt	0.14% ± 2%
Volume of Exempt	0.21% ± 2%
Shelf Life (when kept at the recommended storage conditions and in original, unopened containers)	12 months @ 77°F (25°C)
Pigment Type	Chemical Resistant
Solvent Type	Solvent Free
Vehicle Type	Polyol * Values listed will be color dependent Values blended 3:1

SAFETY

Read Safety Data Sheets and container label cautions and warnings for important safety and health information prior to use. KEEP OUT OF REACH OF CHILDREN.

Ventilation: When using in enclosed areas, adequate air circulation must be used during and after application until the coating is fully cured. The ventilation system should be capable of preventing the solvent vapor concentration from reaching the lower explosion limit for the solvents being used. If the user is not sure or not able to monitor the levels, then use an approved (MSHA/NIOSH) respirator.

Caution: This product does not contain flammable solvents. However, clean-up solvents that may be used do contain flammable solvents. Keep away from sparks and open flames. All electrical equipment/installations should be grounded in accordance with the National Fire Protection Association's (NFPA 70®)/National Electric Code® (NEC®). In areas where potential explosion hazards exist, personnel should be required to use non-ferrous tools and wear conductive, non-sparking shoes.

DISCLAIMER

At the time of publication, the product and technical data contained herein is believed to be accurate by Surface Engineered Technologies (SET). SET is committed to the continual improvement of its coatings, which may cause future product/technical data to change without prior notice. Our products are intended for use by properly trained personnel in industrial applications. Product performance will depend upon surface preparation, technique, method of application, surface to be coated and environmental conditions. However, there is no guarantee of comprehensiveness, accuracy or product performance given or implied herein. SET recommends that products be tested regarding these parameters prior to final use. **Always refer to the current Safety Data Sheet before use.**

WARRANTY: Surface Engineered Technologies (SET) warrants its products to be free of defects in materials and workmanship. Since SET has no control over surface preparation or application methods, no guarantee concerning results is offered, expressed, or implied. If this product is found to be defective, liability shall be limited to the refund of purchase price or replacement of product.

