

RUST-OLEUM®



TURBOPRIME™

**DESCRIPTION AND USES**

A low VOC, two-component epoxy primer designed for one day turn-around of uncoated concrete floors. It can also be used as a standalone sealer/dust proofer on concrete floors.

**PACKAGING**

Short-filled Gallon Containers (Yield 120 oz. Activated Kit)

**PRODUCTS**

241099 Clear Base Component  
241200 Activator

**RECOMMENDED TOPCOAT**

FastKote® finish

**COMPATIBLE TOPCOAT**

Any Rust-Oleum floor finish

**PRODUCT APPLICATION****SURFACE PREPARATION**

**NEW, UNCOATED CONCRETE:** New concrete should be allowed to cure for a minimum of 28 days before application of any coating. If there is any doubt about the dryness of the concrete, conduct a test by simply placing a weighted rubber mat, plastic sheet or other nonporous material on the surface for 24 hours. Check the underside of the mat and concrete for signs of moisture. The substrate will be darker if damp. If moisture is found, allow additional drying time (10-14 days) and repeat test. If moisture persists, concrete surface cannot be coated.

Remove oil, dirt, grease and other chemical contaminants by cleaning with Industrial Pure Strength® 3599 Cleaner/Degreaser, detergent, or other suitable cleaner. Rinse with water.

Once dry, remove the laitance and produce surface profile with the Rust-Oleum Grind 'N Go® Machine using the diamond heads. Surface should resemble the texture of medium grit sandpaper after grinding. Broom and Vacuum to remove all concrete laitance and contaminants left from the grinding.

**PRODUCT APPLICATION (cont.)****MIXING**

Do not attempt to mix by hand stirring. Hand mixing is not adequate. Combine base and activator by power mixing using either a 3" Jiffler Mixer or CPS #4 Mixer. Do not use a mixer which can pull air into the coating during the mixing process. Pulling air into the coating during mixing can result with small bubbles in the finish.

Start mixing the Base component and immediately add the Activator. Transfer as much Activator as possible. Mix the two components together at no greater than 500 rpm for 1-2 minutes. Do not over mix or use higher speeds. Be careful to not pull air into the mixture.

Begin application immediately after mixing. Because of the short pot life do not mix kits which cannot be used immediately.

**APPLICATION**

Apply only when air and floor temperatures are between 40-85° F. Use in a well ventilated area.

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Immediately after mixing, pour the entire mixture out onto the floor. Pour the material out in a stripe across this area rather than just in a single large pool.

Do not scrape the sides or bottom of the container. Use only the material that flows naturally out of the container. Do not turn the container upside down and leave on the floor to drain. Doing so may result with unactivated material from the sidewall of the container being applied. This will cause soft spots in the coating.

Use a rubber squeegee to spread the material out over the entire section. Squeegee material tight to the floor. Do not allow puddles to form. Roll the material smooth and uniform using a short nap (¼-⅜") lint free roller with a phenolic core. Coverage rate will vary depending on the porosity of the concrete.

**CLEAN-UP**

160 Thinner or Xylene

**TECHNICAL DATA****TURBOPRIME™****PHYSICAL PROPERTIES**

<b>Resin Type</b>		Polyamine epoxy
<b>Pigment Type</b>		None
<b>Solvents</b>		Tertiary Butyl Acetate, Toluene
<b>Weight*</b>	<b>Per Gallon</b>	8.5 lbs.
	<b>Per Liter</b>	1.02 kg
<b>Solids*</b>	<b>By Weight</b>	72.0%
	<b>By Volume</b>	67.3%
<b>Volatile Organic Compounds*</b>		<50 g/l (0.42 lbs./gal.)
<b>Recommended Dry Film Thickness (DFT) Per Coat</b>		2.0 mils (50µ)
<b>Wet Film to Achieve DFT</b>		3.0 mils (75µ)
<b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b>		400-460 sq.ft./gal. Coverage rate will vary depending on the porosity of the concrete.
<b>Mixing Ratio</b>		3:1
<b>Induction Period</b>		None
<b>Pot Life</b>		None. Immediately after mixing, pour out onto floor. <b>Do not</b> work out of a roller pan or container.
<b>Working Time</b>		15-20 minutes @ 70-80°F (21-27°C). Working time will decrease at higher air and material temperature.
<b>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</b>	<b>Recoat</b>	1-2 hours <sup>†</sup>
<b>Shelf Life</b>		1 year
<b>Flash Point</b>		>60°F (16°C)
<b>Safety Information</b>		<b>WARNING. CAUSES NOSE, THROAT, EYE AND SKIN IRRITATION. CAUSES EYE AND SKIN BURNS. HARMFUL IF SWALLOWED. MAY CAUSE ASTHMA, SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.</b>

\*Activated material

† If TurboPrime is applied on smooth concrete floors or over TurboKrete® Concrete Patching Compound, then it must be completely dry to the touch prior to topcoating. If 12 hours has elapsed, the coating must be sanded prior to recoating.

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.



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Form: GDH368  
Rev.: 020714