GARAGE PRO FAST DRYING EPOXY KIT INSTRUCTIONS

KIT INSTRUCTIONS

PRODUCT DESCRIPTION

Garage Pro Fast Drying Epoxy Kit is a Single Component roll-on, UV-stable, crosslinked Polyurea coating with a high gloss finish. Garage Pro Fast Drying Epoxy Kit is a Single component Polyurea utilizing Polyaspartic, Urethane and Polyurea technologies to create a coating that provides adurable, chemical, impact and abrasion resistant surface for a variety of applications.

SURFACE PREPARATION FOR CONCRETE

Reference SSPC-SP13 / NACE #6, ASTM D 4259, ASTM D4260.

Surfaces must be clean, sound, dry, and free of oils, grease and other bond inhibiting contamination. Failure to properly prepare the surface could result in the product delaminating from the surface. Previously coated surfaces should be lightly sanded or abraded to assure secure mechanical bond. All contamination, form-release agents, efflorescence, curing compounds, shall be removed. Minimum profile range must be achieved to insure good mechanical bonding. Power troweled or burnished floors must be grinded for proper adhesion. Acid Etching is recommended for bare concrete surfaces and the Acid Etch is provided in your Garage Pro Fast Drying Epoxy Kit.

CURING

At 75°F (24°C) and 50% relative humidity dries to touch in 6-8 hours. Depending on temperature and humidity Full cure 24 hours.

COVERAGE RATES

(Per Gallon) 300- 400 sq ft. per gallon depending on surface texture and porosity. Subject to substrate conditions and application method

PRECAUTIONS

Moisture vapor emission in the concrete (MVE) to be less than 3-pounds per 1000 sq. ft. for 24-hour period. Calcium Chloride test ASTM F1869-98 recommended. Older concrete
exposed to the elements is susceptible to greater contamination and should be evaluated thoroughly prior to any application. Should not be applied in direct sunlight or on elevated
surface temperatures. Clear coating may turn opaque or cloudy in exterior application due to moisture penetration.

APPLICATION STEPS

1. Properly prepare the surface prior to coating per the surface prep recommendations above.
2. MIX ONE GALLON EPOXY WITH ONE COLOR TINT PACK IN THE EMPTY 5 GALLON PAIL. USE WOODEN MIXING STICK PROVIDED AND STIR BY HAND UNTIL EPOXY AND TINT PACK HAVE BEEN THOROUGHLY COMBINED. IF YOU HAVE THE LARGER 600 SQ. FT. KIT YOU WILL NEED TO REPEAT THIS STEP WITH A SECOND GALLON AND TINT PACK.
3. Apply the EPOXY to the floor using the roller provided. Should be applied at 5-8 mils or 300 to 400 sq ft. per gallon. Thicker applications will increase the cure times. Keep product cool and out of direct sunlight to avoid pre-hardening. Keep lid on when not in use.
4. While the EPOXY IS STILL WET after coating the floor get a plastic bucket or container that will hold enough flecks that you are comfortable carrying. Hint.....separate the flecks into quarters so that you use 1/4 of your flecks on 1/4 quarter of the floor. This step prevents over flecking and running out of flecks.
5. Toss the flakes evenly onto the floor while the Epoxy is still wet making sure to leave enough flakes to cover the whole floor with a medium broadcast.
6. Wait a minimum of six hours or overnight.
7. Topcoating: If you have the Medium Broadcast Kit your floor gets a single coat of clear Epoxy. Add in the non skid additive one pack per gallon, and roll onto the floor. Continually mix the topcoat to keep the nonskid particle suspended.
8. Wait overnight to allow to cure for foot traffic or two days for auto traffic.