



Ultrafast Low Temp

PRODUCT DESCRIPTION: Armorpoxy Ultrafast Low Temp uses the latest Polyaspartic coating technology available. It dries quickly, is low odor, and provides unparalleled rapid return to service. It can be applied in extremely cold temperatures all the way down to negative 20 degrees Fahrenheit and has excellent resistance to UV rays and a variety of harsh chemicals, including salt, oil, and gasoline. The Ultrafast is also flexible and allows for natural concrete movement without cracking or peeling, making this system ideal for either indoor or outdoor applications.

SURFACE PREPARATION FOR CONCRETE

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

4260. 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.

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) 250- 300 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. **FIRST COAT: MIX ONE GALLON PART A WITH ONE GALLON PART B ALONG WITH ONE PINT PART C COLOR PIGMENT PACK UNTIL THOROUGHLY COMBINED. USE A MIXING ATTACHMENT WITH DRILL ON MEDIUM SPEED AND MIX FOR 3 MINUTES. THE PRODUCT HAS A 20 MINUTE POT LIFE ONCE MIXED SO MIX ONLY WHAT YOU CAN USE IN 20 MINUTES.**
3. Apply the Ultrafast immediately to the floor using a quality nap roller that won't shed. Should be applied at 5-8 mils or 250 to 300 sq ft. per gallon. Thicker applications will increase the cure times and decrease coverage rates. Keep product cool and out of direct sunlight to avoid pre-hardening. Keep lid on when not in use.
4. If you are using colored flecks hand toss evenly on the floor while the Ultrafast is still wet. 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. Wait 6 to 8 hours until the first coat is dry and does not leave a footprint if walking on the floor. If using in colder temperatures dry time may take longer.

- 6. Second Coat: Mix one gallon A with one gallon B along with one pint part C color pigment pack. If you have used color flakes do not add in the color pigment pack. Add in the non-skid additive at one pack per gallon, mix together thoroughly as instructed above and roll onto the floor.**
- 7. After application allow to dry another 6 to 8 hours for foot traffic or 24 hours for auto traffic.**