

IMPAX SCS PENETRATING EPOXY PRIMER

Bulletin #1002B

PRODUCT DESCRIPTION: IMPAX SCS PENETRATING EPOXY PRIMER is a low viscosity, penetrating primer intended to be used on old or new, bare concrete substrates.

RECOMMENDED USES: IMPAX SCS PENETRATING EPOXY PRIMER can be used on all bare concrete surfaces where a 2-part epoxy, penetrating primer is recommended. Its low viscosity and quick set tack allow it to be used for areas that need a fast turnaround, or where a damp surface primer is necessary.

SURFACE PREPARATION: (For more detailed information, see Bulletin #994)

New Concrete: All surfaces must be firm, clean, dry and well cured before coating. Newly poured concrete must age at least 30 days at temperatures over 21°C (70°F) before coating. Form release agents, curing compounds, salts, hardeners and other foreign matter will interfere with adhesion and must be removed by sandblasting, shot blasting, mechanical scarification or suitable chemical means. If a curing membrane was not used, then proceed with a 16% muriatic acid etch at a rate of 7m²/3.7 liters (75 sq.ft./gal.)

Old Concrete: Coating older, uncoated concrete floors is done in much the same manner as new concrete. Before etching, the concrete surface must be thoroughly cleaned with a strong detergent cleaner to remove all grease, oils, etc. All loose concrete must be removed. Form release agents, hardeners, etc., must be removed using same procedure as for new concrete. Holes and cracks should be filled with IMPAX EASY PATCH crack filler before application of a coating. If surface deterioration presents an unacceptably rough floor, IMPAX 5020 is recommended to patch and resurface damaged concrete.

RECOMMENDED SYSTEMS:

Concrete: 1st coat: IMPAX SCS PENETRATING EPOXY PRIMER
 2nd coat: IMPAX 6700

MIXING & APPLICATION INSTRUCTIONS: Mix equal parts of part A and part B with a Jiffy Blade (Model ES) for 3 minutes. Allow mixed primer to set in a closed container for 15 minutes prior to application. Pour the mixed primer in a narrow ribbon and apply with a 1/2" nap roller, insuring complete wetting of floor surfaces. Check the primed area for holidays and dry spots, roll out any puddles. Primer can also be sprayed using airless or conventional equipment.

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TECHNICAL INFORMATION

COLOR:	Amber
GLOSS:	N/A
VOLUME SOLIDS:	53%
VOC:	<3.5 lbs./gal. (based on mixed components)
COVERAGE:	240-sq. ft./gal. @ 2 mils DFT
PACKAGING:	Two gallon unit (gallon of resin and gallon of hardener) Ten gallon unit (5 gallons of resin and 5 gallons of hardener)
APPLICATION TEMPERATURES:	55°F minimum to 90°F maximum * Must be 3°C (5°F) above dew point
RELATIVE HUMIDITY:	85% maximum
SERVICEABILITY:	Recoat - 2 hrs. minimum/8 hours maximum @ 22°C (72°F) @ 50% RH
MIXING RATIO:	1:1 equal parts epoxy resin/hardener by volume
INDUCTION:	10 minutes
POT LIFE:	4 hours @ 22°C (72°F)
FLASH POINT:	87°F PMCC
VISCOSITY:	Brush, roll, or spray (8 cps)
CLEAN UP:	IMPAX IXT-59 Solvent
THINNING:	Not Recommended
SERVICE TEMPERATURE:	82°C (180°F) Dry Heat Resistance
PRECAUTION:	Keep away from heat and open flame. Maintain good ventilation and avoid breathing vapors. Avoid prolonged or repeated skin contact.