

Product Description

A clear, high solids, high build, low viscosity primer designed for use with clear finish coats or any of the DecoBlend systems.

- Fast curing, penetrating primer
- Low odor, VOC compliant
- High build for use over mechanically prepared substrates (i.e. shot-blast)
- Reduces bubbling and pinholes that occur when coating porous substrates

Surface Preparation

New Concrete: All surfaces must be firm, free of any laitance or efflorescence, clean, free of any adverse moisture conditions, have an appropriate surface profile, and be well cured before coating. Newly poured concrete must age at least 30 days at temperatures over 70°F before coating. Form release agents, sealers, curing compounds, salts, hardeners and other foreign matter will interfere with adhesion and must be removed. Shot-blasting, mechanical scarification, suitable chemical means, or sandblasting should be employed to prepare substrate.

Old Concrete: Coating older, uncoated concrete floors is done in much the same manner as new concrete. Before preparation, the concrete surface must be thoroughly cleaned with a strong detergent to remove all grease, oils, etc. All loose concrete must be removed. Holes and cracks should be filled with IMPAX Crack Fillers before application of a coating. If surface deterioration presents an unacceptably rough floor, IMPAX 5020 Floor Resurfacer is recommended to patch and resurface damaged concrete.

Wood: A clean, sound wood surface is required. Remove any oils and dirt from the surface, using degreasing solvent or strong detergent. Follow with sanding to remove loose or deteriorated surface wood and to obtain the proper surface profile. Consult ITW Resin Technologies' Technical Department for additional information.

(For more detailed information, see Bulletin # 400B)

Recommended Systems

See IMPAX Product Selection Guide for more details.

One coat of IMPAX 3300LV-N High Solids Clear Epoxy Primer is recommended over rough or coarse substrates being top coated with clear or DecoBlend systems. It can be top coated with most IMPAX products. Consult ITW Resin Technologies' Technical Department for details.

Mixing and Application Instructions

Before mixing IMPAX 3300LV-N High Solids Clear Epoxy Primer, it is important that the surface is completely prepared and that all tools and equipment are handy. To mix 1 gallon unit: Use electric or air mixer (approximately 250 rpm) with metal mixing blade (Jiffy Model HS or equal). Do not reduce this material.

Pour hardener contents into slack-filled resin can and mix for 2 to 3 minutes until material is thoroughly blended. To mix 5 gallon units: Use same procedure as 1 gallon units except a larger blade (Jiffy Model ES or equal) is required. It is strongly recommended that only full units be used, that both components are thoroughly mixed, and that all material from the bottom and sides of the container is mixed. We do not recommend using partial kits. Do not scrape or drain mixing containers. Do Not Reduce this Material.

Immediately pour a substantial portion of mixture onto the floor and spread using a rubber squeegee, applying sufficient pressure to work the primer into the porous surface. Immediately backroll the material with a quality 3/8" nap roller leaving 7 to 9 mils on the surface.

The fast set primer can be top coated in as little as 8 hours at 72°F (22°C). The primer must be tack free before top coating. If pinholes or porosities are evident after initial cure of primer, repriming may be necessary, especially on very porous concrete.

PRECAUTION: Maintain good ventilation and avoid breathing vapors. Avoid prolonged and repeated skin contact. Wear safety glasses and impervious gloves.

Technical Information

COLOR:	Clear
GLOSS:	Full Gloss
VOLUME SOLIDS:	96%
VOC:	<0.2 lbs./gal. (<25 gr/ltr) (Based on mixed components)
COVERAGE:	200 sq. ft./gal. @ 7 to 9 mils WFT/DFT (4.9 sq. m/liter @ 200 microns WFT/DFT)
PACKAGING:	1 gal. unit containing 1 gal. can (slack-filled) resin, 1/2 gal. can (slack-filled) hardener (3.7 liters unit vol.) 5 gal. unit containing 5 gal. can (slack-filled) resin, 1-1/2 gal plastic jug hardener (18 liters unit vol.)
APPLICATION TEMPERATURES:	55°F minimum to 95°F maximum (12°C minimum to 35°C maximum) *Must be 5°F above dew point
RELATIVE HUMIDITY:	85% maximum
SERVICEABILITY:	Recoat - 8 hours min. @ 72°F (22°C) @ 50%RH 36 hrs maximum @ 72°F (22°C) @ 50% RH
MIXING RATIO:	3 to 1.7 parts epoxy resin/hardener by volume
INDUCTION:	None
POT LIFE:	40 min. @ 72°F (22°C)
FLASH POINT:	200°F (93°C)
VISCOSITY:	480 cps @ 72°F (22°C)
CLEAN UP:	IMPAX IXT 59 Solvent
SERVICE TEMPERATURE:	180°F (82°C) Dry Heat Resistance
SHELF LIFE:	18 months in closed container stored @ 50° to 90°F (10° to 32°C)

Date

07/2006

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