INNOVATIVE CONCRETE TECHNOLOGY CORP.
Tomorrow's Technology Today

ICT TECHNICALS

PolyAspar VXC Base

Pigmented Polyaspartic Coating

Item #180-BASE

USE:

PolyAspar VXC Base (180) is a two component, high gloss, UV stable, polyaspartic floor coating for use in industrial and commercial facilities and is designed to be used over existing epoxy coatings, pigmented and chip embedded. Suitable for both interior and exterior applications. ***PolyAspar VXC Base*** is for professional use only.

DESCRIPTION:

PolyAspar VXC Base is a two-component, aliphatic, solvent-based, pigmented polyaspartic system. At 85% solids, ***PolyAspar VXC Base*** dries to a very hard, chemical resistant, and tire mark resistant, high gloss finish. ***PolyAspar VXC Base*** can be used over existing epoxy coatings, pigmented and chip embedded, to obtain a pigmented, non-yellowing, long lasting coating. ***PolyAspar VXC Base*** is ideal for use in garage and restaurant floors, service areas, and many other surfaces; can also be used on counter tops, wood and laminates. ***PolyAspar VXC Base*** has UV protection, allowing outdoors applications without yellowing. **PolyAspar VXC Base** is available in four different colors; *Blanco* (white), *Nickel* (light gray), *Shadow* (dark gray), and *Biscuit* (tan).

CHARACTERISTICS AND TECHNICAL DATA

Weight/Gallon…..	8.8 lbs
% Solids (combined)…..	85% ± 1
Gloss…..	High gloss
Coverage/Gallons…..	125—175 sq. ft. per gal. @ 4 mils
Clean Up…..	Toluene, Acetone, or Xylene
Dry to touch…..	1-2 hours
Light traffic…..	4 hours
Return to use…..	8 hours
Vehicular Traffic…	24 hours
Full cure…..	5 days
Pot life…..	40 mins @ 80°F
Shelf Life…..	1 year (closed container)
V.O.C (combined)……	< 170 grams/liter
Minimum recoat…..	1.5 hours
Maximum recoat…..	24 hours
Installation Surface Temp…..	30°F - 110°F
QUV ASTM D-4587…..	No change @ >2000 hrs.

FEATURES & BENEFITS:

- NON-YELLOWING/NON-FADING
- VERY HIGH GLOSS
- HIGH SOLIDS, LOW V.O.C.
- EXCELLENT ADHESION
- GREAT FLOW & LEVELING
- RETURN TO USE IN APPROX. 8 HOURS
- EASY MAINTENANCE
- HARD, TOUGH, FLEXIBLE SURFACE FINISH
- EXCELLENT CHEMICAL & STAIN RESISTANCE
- HIGH TEMPERATURE & TRAFFIC RESISTANCE

SURFACE PREPARATION:

The concrete surface must be free of all dirt, grease, oil, fats, and other contamination. Remove surface contamination by cleaning with *Total Klean Concentrated Degreaser (700)*, detergent, or other suitable cleaner. Rinse thoroughly with clean, fresh water and allow the surface to dry completely.

New concrete should be allowed to cure for a minimum of 28 days. The concrete must be structurally sound, dry, and free of grease, oils, dust, curing compounds and other coatings or contaminants. Previously coated concrete must be in good condition with the existing coating properly adhering to the concrete. The existing coating must also be etched to create a slight surface profile. Surface must be tested for relative humidity and or rising moisture vapor emission. Rates must not exceed 3 lb. per 1,000 sq. ft. over a 24-hour period as measured by calcium chloride test method ASTM F-1869 or RH in slab must not exceed 75% as tested per ASTM F2170. If it is determined that moisture vapor emission rate is unacceptable, a moisture vapor barrier is required. The preferred method of surface preparation is to mechanically abrade the floor by diamond grinding to achieve a final 80–120 grit finish, reference profile CSP-2 according to ICRI. Remove all sanding dust by vacuum or broom.

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APPLICATION INSTRUCTIONS:

PolyAspar VXC Base contains a Part A and Part B that must be mixed together. Only use the correct ratio of 2 Part A and 1 Part B as purchased. Pour Part A and Part B into a clean, dry container and mechanically mix gently to avoid creating air bubbles. Mix for 2-3 minutes with a drill and product is ready to apply. ***PolyAspar VXC Base*** cannot be applied over clear acrylics and clear water based systems. Always test product in an obscure area to ensure desired results for adhesion and finish.

1. Apply at a spread rate of 125–250 sq. ft. per gal. to yield 4–8 wet film thickness using a squeegee and back-roll with a non-shedding 3/8" nap roller. Note: The use of a flat or notched squeegees to spread ***PolyAspar VXC Base*** prior to back rolling depends on the thickness of your coating system. Thinner coatings work best with flat squeegees and thicker coating systems with a notched squeegee.

2. This material will cure faster with exposure to moisture in the air, and high temperature.

3. Applying thicker than recommended, and allowing material to pool, or rolling into late, may leave a white, hazy appearance.

4. Allow ***PolyAspar VXC Base*** to level on the surface. Back roll any material that is puddled on the surface. A second coat may be desired.

5. The second coat can follow after approximately 1 hour of dry time, depending upon weather and sun exposure.

6. Optional: Broadcast flake system and topcoat with ***PolyAspar VXC Clear***.

It is the sole responsibility of the applicator to determine whether a non-skid additive is appropriate for the job.

AWAYS APPLY A TEST AREA FOR BEST RESULTS.

COVERAGE:

Coverage rates will vary depending on substrate, textures, porosity, and application methods.

125—300 sq ft per gallon
250—600 sq ft per kit

CLEAN UP & STORAGE:

Clean up mixing and application equipment immediately after use. Use toluene, acetone or xylene; do not use Alcohol or water. Follow solvent manufacturer's safety instructions. Use safety gear when handling solvents. Be sure to follow all local, state and federal regulations when disposing of materials. Product must be kept in its original, unopened and tightly sealed container. Store in a dry and well ventilated place with controlled temperature (50°F to 90°F). Keep sheltered from weather and direct sunlight. In proper storage conditions, the product's shelf life is 12 months following production (see date on packaging).

PRECAUTIONS:

Use Gloves and Safety Glasses when handling this product. Eye Contact: May irritate eyes. If in eyes, flush with water for at least 10 minutes. Do not rub eyes. Remove contact lenses if worn. Inhalation: Use a NIOSH approved respirator for continuous use. Use with adequate ventilation. Ingestion: If swallowed, DO NOT induce vomiting. Seek medical attention immediately. Skin: Avoid prolonged contact with skin. Wash hands immediately with water and soap if in contact with hands. If irritation develops in eyes or skin, call a Doctor. Please understand the label instructions and Safety Data Sheets before using this product.

PROPOSITION 65 (CALIFORNIA): This product contains a chemical known to the state of California to cause developmental toxicity. See SDS for more information.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

NATIONAL PLASTERERS COUNCIL

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MADE IN USA

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