

Category > Prepare

PCA

Penetrating Curing Agent



Product Description

Ameripolish® PCA™ is a penetrating curing agent that chemically hardens and dust-proofs concrete for improved abrasion resistance without forming a coating. PCA™ is recommended on newly placed concrete to add initial water and stain repellency while retaining slab moisture for improved curing. PCA™ requires no UV light for dissipation and can be used with integrally colored concrete. Unlike traditional Cure and Seal products, PCA™ does not form a membrane that must be removed via chemical strippers or aggressive metal bond tools prior to polishing.

Features

- Improves cure by retaining slab moisture
- Drastically reduces crazing and map cracking
- High penetrating, non-film forming – no need to grind or chemically remove membrane to dye/seal and burnish
- Forms hydrophobic barrier to increase stain repellency
- Improves scratch and abrasion resistance
- Helps reduce efflorescence and minimizes dust for healthier indoor air quality
- Odorless, non-flammable, VOC compliant
- Replaces traditional Cure & Seal products on new concrete

Uses

- Ameripolish® PCA™ chemically hardens and dust proofs concrete for improved abrasion resistance. After concrete has cured, concrete can be mechanically polished without the removal of a film forming coating; as with traditional cures. Use Ameripolish® 3D HS™ densifier during polish process for additional densification followed with either Ameripolish® 3D SP™ stain protector or SR²™ penetrating stain resistor. Use Ameripolish® 3D HS™, 3D SP™, or SR²™ for burnishing only as well. Use Ameripolish® Rejuvenating Cleaner Concentrate™ for subsequent on-going maintenance.
- Aides in slab moisture retention
- High penetrating non-film forming
- Saves labor by not forming a topical coating that would require removal for polished or burnished concrete

Product Specification

Application:	Sprayer with conical tip
Appearance:	Clear liquid
VOC:	Compliant (1g/l)
Shelf life:	1 year
Solvent:	Water-based

Packaging Specification

Product #	Shipping Wt.	Container
PCA-5	50 lbs.	5 gallons RTU
PCA-30	300 lbs.	30 gallons RTU
PCA-55	550 lbs.	55 gallons RTU
PCA-250	2,500 lbs.	250 gallons RTU



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Uses (cont'd)

- Aides in cleaning by forming hydrophobic barrier preventing moisture and microscopic soil from penetrating surface
- Prepares surface for high gloss diamond polishing
- Improves scratch and abrasion resistance and reduces loss of concrete from normal wear
- Reduces loss of concrete from normal wear
- Adds water and stain repellency to newly finished concrete
- Helps prevent ASR

Dilution & Coverage

Ameripolish® PCA™ is shipped ready to use (RTU). Coverage rate is approximately 1,000 – 1,500 square feet per gallon.

Preparation

Protect people, vehicles, property, plants and all adjacent or nearby surfaces not intended to come in contact with product. Use protective materials as necessary.

Ensure that all surfaces intended for application are clean and free of dirt, debris, oil. Use Ameripolish® Oil

Remediation to help to remove and lighten oil spots.

Application

1. Apply to new concrete immediately after power trowel comes off the slab.
2. Apply product with Ameripolish® sprayer and conical tip. Spray PCA to lightly wet surface without creating puddles. Apply in a consistent, overlapping circular motion, holding the wand approximately 12-18 inches above the surface. PCA will absorb into concrete more quickly in some places than others. Do not over-apply. Do not allow product to puddle.
3. While spraying, immediately spread PCA evenly with an Ameripolish® Microfiber Pad.
4. Prevent overspray on other materials. Rinse any overspray with water.
5. Do not apply when ambient or surface temperature is

below 40°F (4°C).

Cleanup

Ameripolish® PCA™ washes up quickly with soap and water.

Storage

- Store upright in safe dry place at 40-100°F (4 -41°C)
- Keep product from freezing
- Keep out of reach of children
- Seal container after use
- Do not mix with other chemicals

VOC Compliance

In addition, Ameripolish® PCA™ Penetrating Curing Agent offers VOC compliance with low VOC at 1 g/L and is also compliant with several national, state, and district regulations:

- US Environmental Protection Agency
- California Air Resources Board SCD Districts*
- South Coast Air Quality Management District*
- Maricopa County, AZ
- Northeast Ozone Transport Commission

*Before application, verify product conformance with local and state codes.

Warning & Safety Information

KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. BEFORE USING THIS PRODUCT PLEASE READ THE SAFETY DATA SHEET IN ITS ENTIRETY! Safety Data Sheets (SDS) can be found online at www.ameripolish.com or upon request by contacting Ameripolish at 1-800-592-9320.

Warranty

The information contained herein is believed to be reliable. This information is based on laboratory testing and results. Because of variations in methods, conditions and equipment, each user must test this product to make a judgment of performance. Applicator is responsible for testing material for effectiveness and performance. Manufacturer obligation is limited to the refund of purchase price or replacement of material if proven to be defective. Claims must be made in writing and received within one year from date of product sale to original buyer. Sole remedy