



VANBERG SPECIALIZED COATINGS

CONCRETE REPAIR & PROTECTION PRODUCTS

"Products and Systems for Pork Production Since 1989"



After



Before

Common Uses:

- Slats
- Feed platforms
- Troughs
- Re-set penning
- Floor overlays
- Walls



After



Before

Trough and Floor Restored with CON-KORITE.

CON-KORITE XTRA MORTAR

Use this mortar when you want to make a repair one time! CON-KORITE develops 3,000 psi compressive strength in one hour and nearly 10,000 psi in 28 days. This unique formula has exceptional abrasion, salts and sulfates resistance making it the longest lasting and most cost-effective option for severely worn (any thickness greater than 1/4 inch) slats and floors. It is preferred by producers for repair of broken slat edges and to restore eroded slats...even down to the rebar. Being a concentrate, CON-KORITE can be extended (CON-KORITE X'TEND) with coarse sand or pea gravel up to 1:1 to grout deep holes and make repairs in medium duty areas such as troughs and rough pen floors (2 parts mortar to 1 part mortar sand).

Typical Coverage at 1/4 inch (55 lb. bag):

25 sq. ft. unextended

37.5 sq. ft. mixed 2:1 with sand (CON-KORITE X'TEND)

50 sq. ft. mixed 1:1 with sand (grouting over 1 inch).

KB25 ACRYLIC RESIN

CON-KORITE can be used with water only. However, for added resistance to acids and to provide a greater bond for thinner overlays, CON-KORITE can be combined with KB25 ACRYLIC RESIN. Just add the resin to water and then mix with the mortar. KB25 ACRYLIC RESIN is also a great additive for any portland-based mortar mix.

General Use: 1 part KB25 to 2-3 parts water.

1/2 inch overlays: 1 part KB25 to 1 part water.

Edging, acid exposure and thin repairs: Straight KB25.

To grout (over 1 inch): Water only.

Each 55 lb. bag requires about 1 to 1.25-gal. of mixing liquids.

Add SET CONTROL to mixing liquids during warm weather to extend the working time (one pouch per 55 lbs. mortar).



60 Lb. Kit

CON-KORITE



55 Lb. Bag



55 Lb. Pail

KB25



2 Qt. Jug, 1 Gal. Jug, 5 Gal. Pail

SET CONTROL



Pouch

CON-KORITE KITS

#KB0100 60 Lb. Kit

(Pail contains 55 lb. bag Mortar, 2-qts. KB25, 1-SET CONTROL) *This kit is the best way to get started!*

COMPONENTS *(Order separately for larger jobs)*

#KB0060 55 Lb. Bag CON-KORITE

#KB0061 55 Lb. Pail CON-KORITE

#KB0026 1 Gal. Jug KB25 (4/cs)

#KB0027 5 Gal. Pail KB25

#KB0001 Set Control Pouch

Typical KB25 Use:

- 1-gallon KB25 per three 55 lb. bags at 1:2 mix with water
- 1-gallon KB25 per two 55 lb. bags at 1:1 mix with water
- 1-gallon KB25 per 55 lb. bags using straight resin

Typical Set Control Use:

- 1-pouch per 55 lbs.

ARMOR-ROCK EPOXY OVERLAY

VSC ARMORCOAT BASE EPOXY is combined with natural silica aggregates to produce an extremely hard tough-wearing uniform textured or smooth (troughs) overlay for new or slightly eroded (less than 1/2 inch) concrete. It is unaffected by the acids produced by animal and feed wastes. Since 1989 producers have found the ARMOR-ROCK system to be the most permanent solution for restoring concrete around feeders and waterers and on floors. Wastes flow off the slats removing acids that erode the surface. It's easy to use too. Just mix, add sand, pour onto the substrate and spread. Add sand to the surface for a textured system or leave smooth (troughs). Use the convenient 6-inch notched squeegee for slat repairs.

Typical Coverage: About 30 sq. ft. per 1.5 gal. unit combined with 25 lbs. sand admix and 25 lbs. sand broadcast at 3/16 inch.

ARMOR-ROCK THX EPOXY OVERLAY

ARMORCOAT BASE EPOXY is combined with a finely ground aggregate (THIXO) and applied over slightly worn concrete. It produces a tough wearing and chemical resistant smooth or non-slip overlay of 1/32 to 1/8 inch. Ideal coating for troughs. Just roll or trowel apply.

Typical Coverage: 60 sq. ft. per 1.5 gal. unit combined with 15 lbs. THIXO at 1/16 inch.



After



Before



Chute Floor

Non-Slip Overlay:

- Feeder pads
- Slats
- Load-out ramps
- Floors

Smooth Overlay:

- Troughs



Troughs



Slats Repaired with
ARMOR-ROCK THX

ARMOR-GROUT EPOXY MORTAR

ARMORCOAT BASE EPOXY is combined with ES NATURAL SAND BLEND to form a trowel-applied mortar. It is the most durable and chemical resistant repair for broken slat edges and severely eroded concrete.

Typical Coverage:

18 sq. ft. at 1/4 inch per .5 gal. unit of epoxy and 35 lbs. ES NATURAL.

ARMORCOAT BASE EPOXY COATING

This two component epoxy is the work horse in the VSC coatings line. It is best known for its gloss, chemical resistance and durability. Medium gray and clear are standard. Clear can be combined with a variety of color additives.

Product Availability:

- #AC133-3 3 Gal. Kit* (clear)
- #AC133G-3 3 Gal. Kit* (med. gray)
- #AC133-15 15 Gal. Kit (clear)
- #AC133G-15 15 Gal. Kit (med. gray)

*3 gal. kit contains (2) 1.5 gal. units

Aggregate Use Guide

Gestation and Growing Animals:

- VSC Medium (#210-520B 50 lb. Bag)
- Sand Blast Sand 40-20 mesh (Available locally)

Loading Chutes:

- VSC ES NATURAL Blend (#82801-35N 35 lb. Bag)
- VSC G-Diamond Blend (#82900-35N 35 lb. Bag)
- Play Sand Blend (Available locally)
- Mortar Sand Blend (Available locally)

Nursery Animals:

- VSC FINE (#210-710 50 lb. Bag)
- 100 Mesh Sand (Available locally)

THIXO

- #TS19110 10 Lb. Can THIXO
- #TS19150 50 Lb. Pail THIXO

SPECIAL SLAT SQUEEGEE

#TSFECSE-6H Notched 6-inch Squeegee with Handle



Slat Edges
Reformed with
ARMOR-GROUT
EPOXY MORTAR



Before



After



Feed Mill Floor



Shop Floor



Hallway Floor

Thorough mixing and professional application methods are provided.



Slat



Floor



Prop Mixer



Pail Mixer



VSC Concrete
Clean & Etch
1 Gal. Jug



VSC Concrete
Clean & Etch
5 Gal. Pail

VSC CONCRETE SEAL

VSC CONCRETE SEAL is an easy to apply single component acrylic sealer. It has excellent resistance to salts, sulfates and other common chemicals in hog facilities. Seal new concrete or heal weak and stress cracked surfaces. Spray or rollcoat apply. Also available in our low odor V.O.C. compliant WB ACRYLIC URETHANE (similar properties without the odors).

Typical Coverage:

400 sq. ft. per gallon over relatively smooth concrete.

Product Availability:

- #ES510-1 1 Gal. VSC CONCRETE SEAL (clear) (4/cs)
- #ES510-5 5 Gal. Pail VSC CONCRETE SEAL (clear)
- #ES031-1 1 Gal. Kit WB ACRYLIC URETHANE (clear)
- #ES031-5 5 Gal. Kit WB ACRYLIC URETHANE (clear)

SUPPLIES

PROP MIXER For thorough mixing of high performance materials. Attaches to a 1/2 inch variable speed drill.

#TS46565 Prop Mixer

PAIL MIXER Designed for easy mixing of epoxy mortars (ARMOR-GROUT).

#TSKM5825 Pail Mixer

VSC CONCRETE CLEAN & ETCH Does a thorough job of removing waste residue and mineral deposits on concrete substrates. It provides a clean, etched surface for maximum bonding.

Typical Coverage: 150 to 200 sq. ft. per gallon mixed 1:2 with water.

Product Availability:

- #VP-151-1 1 Gal. Jug Clean & Etch (4/cs)
- #VP-151-5 5 Gal. Pail Clean & Etch

Pork Producers Using VSC Products:

- Christensen Family Farms • Murphy-Brown, LLC • Premium Standard Farms • Seaboard Foods •
- Iowa Select Farms • Maschoff's, INC. • Lynch Livestock • And many, many more! •



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