



VANBERG SPECIALIZED COATINGS

CONCRETE REPAIR & PROTECTION PRODUCTS

"Products and Systems for the Coatings Industry Since 1989"

PRODUCTS, SYSTEMS, EQUIPMENT & SUPPLIES FOR THE COATING PROFESSIONAL



INDUSTRIAL



COMMERCIAL



AGRICULTURAL



RESIDENTIAL

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Vanberg Specialized Coatings - About Us

For over 25 years Vanberg Specialized Coatings has served agricultural, industrial, commercial and residential markets with high quality and long lasting concrete and metal restoration and protection products.

Our customers consist of major manufacturing, livestock production and commercial companies and a growing list of professional contractors. Following are just a few of our customers.

International Paper, Premium Standard Farms, Peterson Manufacturing, Wenger Manufacturing, Alcoa, Heatron, Murphy-Brown (Smithfield), U.S. Post Office, Farmland Industries, John Deere, Seaboard, Christensen Farms, Jim Hawk Truck & Trailer and many many more.

We support our customers with proven products and systems, a fully stocked warehouse, prompt deliveries and technical support. Our specialists help customers with project planning, cost analysis, application guidelines and installation assistance. It is our goal to help assure that every project goes smoothly and provides our customers with the results they expect.

 Check out our Ultra-Safe Green Products



Our Headquarters



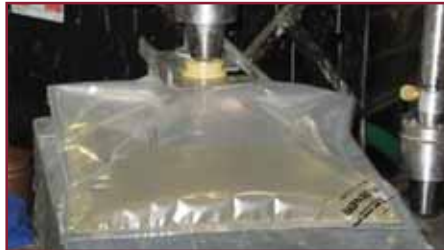
Lenexa, KS 6500 sq. ft. Warehouse



Our Supplies Store



Manufacturing Control



Packaging Automation



Waukegan, IL Warehouse

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Epoxy - High Build & Superior Performance



When floor coatings require gloss, easy cleaning, durability, bright color and chemical resistance **ARMORCOAT** is the choice.



- Commercial
- Show Rooms
- Pharmaceutical



- Service Centers
- Shops/Garages
- Warehouses



- Manufacturing
- Food Processing
- Agricultural

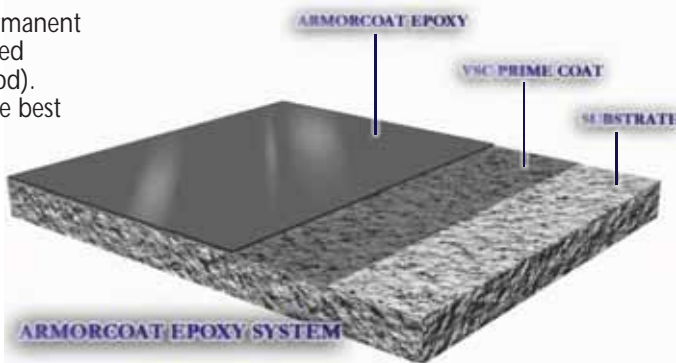
ARMORCOAT is a 100% solids epoxy resin formulation designed to last a lifetime.

It is not a typical builder supply product!

- * High Stain Resistance
- * Excellent Gloss
- * Handles Fork Lift Traffic
- * Unaffected by Oil & Grease
- * Stands up to Hot Tires
- * Withstands UV Light

OUR MOST POPULAR SYSTEM

ARMORCOAT forms a permanent bond to a properly prepared substrate (concrete or wood). A VSC PRIMER provides the best bond and optimum finish.



PREPARATION - Mechanical or Chemical

PRIMER OPTIONS - ARMORCOAT Epoxy or EPO-POXY (see Planning - page 5)

NON-SLIP OPTION - VSC MEDIUM Aggregate @ .01 lbs. per sq.ft.

TYPICAL COVERAGE -
Medium Duty 150 sq. ft./gal (10 mils)
Heavier Duty 100 sq. ft./gal (16 mils)



EASY TO APPLY, TOO!

Just follow our professional guidelines



Prepare



Mix



Spread



Roll

ARMORCOAT EPOXY is versatile too... used in VSC overlay and decorative coating systems.



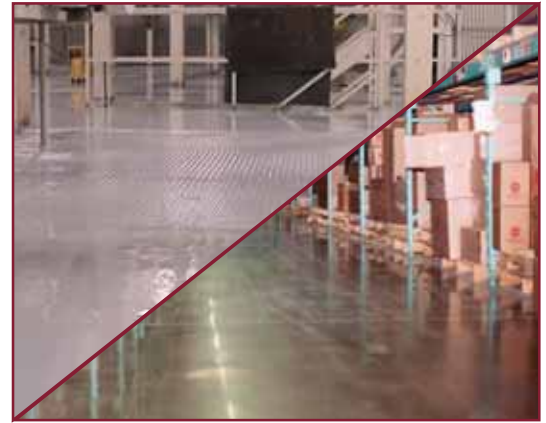
THE ARMORCOAT FAMILY OF COATINGS

ARMORCOAT BASE

The #1 Choice of VSC Customers and Contractors!

ARMORCOAT BASE provides the ultimate in gloss, durability, build, chemical resistance and ease of installation and maintenance.

- * No VOCs...no solvent odors!
- * Sets in 6-8 hours...ready fast!
- * Chemical Resistant...not affected by chemicals!
- * Not affected by hot tires, oil or grease!
- * Tough Wearing...stands up to forklifts!
- Very Good UV resistance...holds color!



TYPICAL COVERAGE: 100 to 150 sq.ft./gal
(See Planning Page 5)

CLEAR (ACCEPTS COLOR ADDITIVES)

- #AC133..... 1.5 Gal Kit
- #AC133-3..... 3 Gal Kit
- #AC133-15..... 15 Gal Kit

MEDIUM GRAY

- #AC133G 1.5 Gal Kit
- #AC133G-3 3 Gal Kit
- #AC133G-15 15 Gal Kit

ARMORCOAT BASE 400 SQ.FT PACKAGE

- #AC133G-400
- 1 - 3 Gal Med Gray Kit
- 1 - 1.5 Gal EPO-POXY (Primer)
- 1 - 5 lb. VSC MEDIUM Aggregate

COATING TOOLS & SUPPLIES PACKAGE

- #TSAC400..... 400 sq.ft.
- Package of Professional Coating Tools for ARMORCOAT EPOXY Applications

THE ARMORCOAT FAMILY OF EPOXIES

ARMORCOAT FAST

A fast setting version of ARMORCOAT Base Epoxy - Ready for light traffic in 4-5 hours. ARMORCOAT FAST is ideal where the quickest turnaround is required. Works as base coat or top coat. Coverage: 100-150 sq.ft./gal (see planning page 5).

CLEAR (ACCEPTS COLOR ADDITIVES)

- #AC210..... 1.5 Gal Kit
- #AC210-3..... 3 Gal Kit
- #AC210-15..... 15 Gal Kit

MEDIUM GRAY

- #AC210G 1.5 Gal Kit
- #AC210G-3 3 Gal Kit
- #AC210G-15 15 Gal Kit

TILE RED

- #AC210T..... 1.5 Gal Kit
- #AC210T-3..... 3 Gal Kit

ARMORCOAT FAST 400 SQ.FT PACKAGE

- #AC210G-400
- 1 - 3 Gal Med Gray Kit
- 1 - 1.5 Gal EPO-POXY (Primer)
- 1 - 5 lb. VSC MEDIUM Aggregate
- #TSAC400... 400 sq.ft. Supplies Package*

* The tools and supplies needed for a professional installation!

EPOXY FLEX MEMBRANE

A tough, flexible, crack bridging coating that stands up to vehicular traffic and continuous exposure to liquid wastes. Use for traffic decks and for pit and storage tanks. Very good gloss, chemical and stain resistance. Excellent for concrete or wood floors. 6-8 hour set. Coverage: 100-150 sq.ft./gal.

CLEAR (ACCEPTS COLOR ADDITIVES)

- #EF139-2..... 2 Gal Kit
- #EF139-10.... 10 Gal Kit



ARMORCOAT BASE UV

Designed for durability, longevity and high resistance to yellowing. This 100% solids epoxy is self-leveling and a great topcoat choice for VSC Overlay Systems. Excellent for COLOR-FLAKE flooring. 6-8 hour set. Coverage: 100-150 sq.ft./gal.

CLEAR (ACCEPTS COLOR ADDITIVES)

- #AC200..... 1.5 Gal Kit
- #AC200-3..... 3 Gal Kit
- #AC200-15..... 15 Gal Kit



NOVOLAC EPOXIES - HIGH CHEMICAL & TEMPERATURE RESISTANCE

ARMORCOAT CR EPOXY

Withstands a wide variety of acids, chemicals and solvents. Designed for environments that require a high degree of chemical or temperature resistance. Excellent wear-ability. Maintains a gloss finish. Sets in 6-8 hours.
TYPICAL COVERAGE: 140 sq./ft./gal.



ARMORCOAT CR/MV CLEAR

This Novolac has a high resistance to UV light exposure making it an ideal topcoat for any VSC system where there is chemical exposure. Sets in 6-8 hours. TYPICAL COVERAGE: 150 sq./ft./gal.

#92602-2.5 2.5 Gal Kit

- Containment Zones
- Holding Tanks
- Battery Charge Areas
- Chemical Zones in Dairies

| CLEAR (ACCEPTS COLOR ADDITIVES) | MEDIUM GRAY | TILE RED |
|---------------------------------|----------------------------|----------------------------|
| #92600-606 Gal Kit | #92600G-60..... .6 Gal Kit | #92600T-60..... .6 Gal Kit |
| #92600-5 5 Gal Kit | #92600G-5..... 5 Gal Kit | #92600T-5..... 5 Gal Kit |
| #92600-12.5 12.5 Gal Kit | | |

PLANNING COATING SYSTEMS

Planning for a VSC COATING SYSTEM - "The Basics"

The condition of the substrate determines the methods and materials required to install a professional coating system. Contact a VSC Technical Representative for assistance.

Phase I - Preparation Method: Typically by mechanical grinding (see page 21), shot blast or chemical means (see page 18). It is very important that the substrate is clean, free of soils/debris and has a profile that will result in an optimum bond.

Phase II - Repairs: Grout and level eroded areas, pits, cracks, joints and saw cuts using VSC repair products (Pg 13-15). A VSC Technical Representative will help with product selections.

Phase III - Primers: Priming the substrate will maximize bond, fill surface imperfections and minimize the risk of subsurface moisture or containment problems. VSC has several primers:

Pitted or heavily abraded - Use ARMORCOAT BASE or ARMORCOAT FAST thinned with SOLVENT 101 (1 pint/1.5 gal kit of ARMORCOAT). Typical Coverage: 80-100 sq. ft./gal.

Slight pitting (etched or lightly abraded) - Use EPO-POXY at 250 sq.ft./gal. If speed is needed, use EPO-SEAL WB FAST EPOXY at 300 sq.ft./gallon. Use one of these two water-based epoxies if moisture issues are suspect. NOTE: Primers are typically applied by flat squeegee (see page 20) followed by looped roller (see page 19).

Consult with VSC - Our Technical Representatives will help you plan your coating system and supply a complete list of tools and supplies needed.

Phase IV - Coatings:

TYPICAL APPLICATIONS OVER CONCRETE SURFACES:

Medium Duty Coating System - 15 mils

EPO-POXY @ 250 sq.ft/gal (5 mils)
+
ARMORCOAT @ 150 sq.ft/gal (10 mils)

- Garages
- Shops
- Warehousing
- Storage
- Showrooms
- Halls & Walkways

Heavy Duty Coating System - 21 mils

EPO-POXY @ 250 sq.ft/gal (5 mils)
+
ARMORCOAT @ 100 sq.ft/gal (16 mils)

- Commercial
- Shops
- Manufacturing
- Automotive
- Warehousing
- Agricultural

NOTE: ARMORCOAT EPOXY coatings are typically applied by 1/8th inch notched squeegee (see page 20) followed by non-shed roller (see page 19).

PRIMERS & SEAL COATINGS

EPO-POXY

High build, "Water-Based" EPO-POXY offers excellent adhesion and wear resistance without odors or VOCs. Displays very good wear and chemical resistance properties. Ideal primer over substrates with moisture vapor issues and 'green concrete'. Sets in 5 hours. TYPICAL COVERAGE: 250 sq./ft./gal.



CLEAR

- #ES016..... 1.5 Gal Kit
- #ES016-3..... 3 Gal Kit
- #ES016-15..... 15 Gal Kit

EPO-SEAL WB-FAST EPOXY

This high penetration water-based epoxy sets fast for early re-coat or return to service. No odor or VOC issues. Good gloss and chemical resistance. Use as a primer for VSC coating systems or sealer. Sets in 1-2 hours.



TYPICAL COVERAGE: 300 sq./ft./gal.

CLEAR

- #ES2300-75..... .75 Gal Kit
- #ES2300-3..... 3 Gal Kit
- #ES2300-15..... 15 Gal Kit

APPLY TWO COATS FOR GLOSS

WB ACRYLIC URETHANE

Two component water-based acrylic urethane sealer. No solvent odors. Use over concrete, stone-washed concrete, stained floors and latex-modified overlays. Interior or exterior. Sets in 1-2 hours. TYPICAL COVERAGE: 400 sq./ft./gal.



CLEAR

- #ES030-1..... 1 Gal Kit
- #ES030-5..... 5 Gal Kit

ARMORCOAT 65 EPOXY

High-solids, two-component epoxy with superior wear-ability at 4 mils. Use over concrete, metal and wood. Withstands heavy vehicle traffic. TYPICAL COVERAGE: 250-300 sq./ft./gal. Apply two coats for the most uniform finish. Semi-Gloss. Sets in 4-6 hours.



ECONOMY PLUS PERFORMANCE

VSC CONCRETE SEAL



Single component solvent based acrylic sealer. Excellent penetration and wear-ability. Use interior or exterior over concrete floors, stone-washed concrete, stained floors, etc. TYPICAL COVERAGE: 400 sq./ft./gal.

CLEAR

- #ES510-1..... 1 Gal Kit
- #ES510-5..... 5 Gal Kit

AMBER CLEAR

- #AC154-2..... 2 Gal Kit
- #AC154-10..... 10 Gal Kits

MEDIUM GRAY

- #AC144-2..... 2 Gal Kit
- #AC144-10..... 10 Gal Kit

HIGH PERFORMANCE URETHANE



ULTRA-GLOSS CRU

A two-component aliphatic urethane with excellent UV stability (does not yellow). High chemical, stain and scratch resistance. Superior gloss. CLEAR or many COLOR OPTIONS using VSC color additives. Sets in 4-8 hours.

USES

- Protective clear topcoat over...
 - COLOR-FLAKE FLOORING
 - ARMORCOAT COATINGS
 - STAINED FLOORS
- Tough stand alone coating over...
 - VSC PRIMER
 - A BASE COAT OF ULTRA GLOSS CRU

TYPICAL COVERAGE:

300 sq./ft./gal at 5 mils

400 sq./ft./gal at 4 mils over a VSC Primer

NOTE: Typically applied with flat squeegee (see page 20) followed by 1/4" or 3/8" nap roller (page 19).

CLEAR

(ACCEPTS COLOR ADDITIVES)

- #UG321 1.5 Gal Kit
- #UG321-3 3 Gal Kit
- #UG321-15 15 Gal Kit

COLORANTS & WALL COATINGS



VSC COLOR ADDITIVES

VSC pigments provide a wide variety of coating color options. Twelve popular colors are available in 1 qt. units. For most colors add 1 qt. to a 3-gallon unit of clear ARMORCOAT epoxy or ULTRA-GLOSS URETHANE. For best color use 2 qts./ 3 gal unit for white, yellow and bright red (also available). Special colors and color matching are available.



WHITE
#CA002



BLACK
#CA003



MEDIUM GRAY
#CA007



CHARCOAL
#CA009



TILE RED
#CA010



MOCHA
#CA011



GREEN
#CA012



BLUE
#CA014



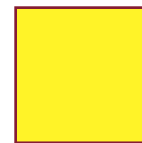
DARK BLUE
#CA015



SANDSTONE
#CA016



BEIGE
#CA017



SAFETY YELLOW
#CA020

WALL COATINGS

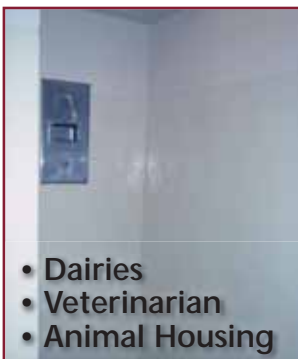
ARMOR-GLAZE

100% Solids Epoxy wall coat designed to withstand corrosive and wet conditions. Stands up to pressure washing. Excellent stain resistance, gloss and color stability. White is standard with other color options. Apply two coats for most uniform system. Sets in 6-8 hours.

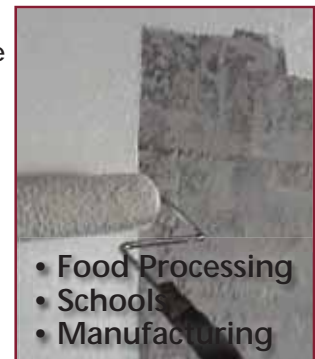
TYPICAL COVERAGE: 120-150 sq.ft./gal as topcoat;
50-80 sq.ft/gal as basecoat over porous surfaces.

WHITE

#AC505V..... 1 Gal Kit
#AC505V-5..... 5 Gal Kit



- Dairies
- Veterinarian
- Animal Housing



- Food Processing
- Schools
- Manufacturing

ANTI-MICROBIAL ADDITIVE

Provides resistance to microbe growth for the most sanitary surface. Special Order Required.

ARMOR-GEL

Heavy bodied 100% solids epoxy block and wall base coat fills surface imperfections. Sets in 6-8 hours. TYPICAL COVERAGE: 50 sq./ft./gal.

BASIC SYSTEM



SEMI-TRANSPARENT CLEAR

#AC630..... 1.5 Gal Kit
#AC630-3..... 3 Gal Kit

V-THANE WALL COAT

Provides the ultimate in color retention, stain and scratch resistance. 65% solids urethane vertical wall coating. Sets in 5-6 hours.

TYPICAL COVERAGE: 300 sq./ft./gal.

WHITE

#320VW-75..... .75 Gal Kit
#320VW..... 1.5 Gal Kit
#320VW-3..... 3 Gal Kit
#320VW-15..... 15 Gal Kit

MEDIUM GRAY

#320VG-75..... .75 Gal Kit
#320VG..... 1.5 Gal Kit
#320VG-3..... 3 Gal Kit
#320VG-15..... 15 Gal Kit





DECORATIVE FLOORING

COLOR-FLAKE

COLOR-FLAKE FLOORING

The VSC COLOR-FLAKE floor offers a wide assortment of colored flake blends and solid colors for decorative effects. Floors burst to life with COLOR-FLAKE and last indefinitely with the durability of ARMORCOAT EPOXY. Not only are COLOR-FLAKE floors easy to maintain, but they have high stain, scratch, wear and UV light resistance. A great addition to any facility.



- Showrooms
- Garages
- Shops

- Manufacturing
- Commercial
- Residential

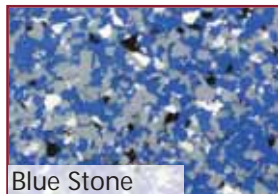
OUR POPULAR BLENDS



Country Stone



Silver Stone



Blue Stone



Smokey Stone

COLOR OPTIONS With VSC, customers have unlimited color possibilities. Four popular blends are available for immediate shipment and an endless variety can be created using our individual colors.

FLAKES (specify color or blend when ordering)

SOLIDS

| | |
|-----------------|--------|
| #ES602S-2..... | 2 lb. |
| #ES602S-10..... | 10 lb. |
| #ES602-55..... | 55 lb. |

BLENDS

| | |
|-------------------|--------|
| #ES602SB-2 | 2 lb. |
| #ES602SB-10 | 10 lb. |
| #ES602B-55 | 55 lb. |

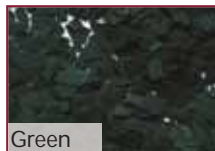
SOLID COLORS



White



Beige



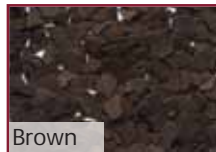
Green



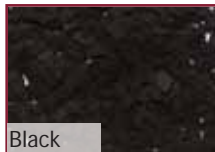
Blue



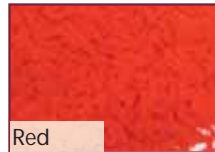
Gray



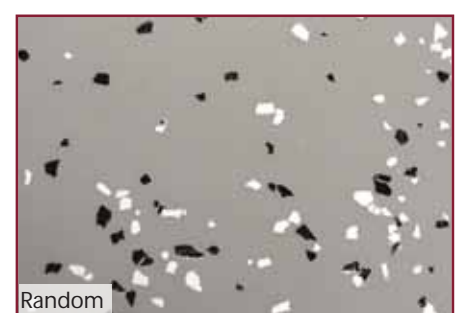
Brown



Black



Red



Random

COLOR-FLAKE FLOORING SYSTEM

- STEP 1:**
BASE COAT: Full Broadcast - ARMORCOAT BASE COLORED at 150 sq.ft./gal
 Random Broadcast - ARMORCOAT BASE COLORED at 150 sq.ft./gal
- FLAKES:** Full Broadcast (over ARMORCOAT CLEAR) - 1 lb./10 sq.ft.
 Random Broadcast (over ARMORCOAT COLORED) - .01 lbs./10 sq.ft.
- STEP 2:**
TOP COAT ARMORCOAT BASE or UV CLEAR (Stand-alone TOPCOAT) - 150 sq.ft./gal
OPTIONS: ULTRA-GLOSS CRU URETHANE - 400 sq.ft./gal
 Use ULTRA-GLOSS as a stand-alone top coat over ARMORCOAT BASE with Random Broadcast or, top coat option over ARMORCOAT BASE CLEAR on a Full Flake Broadcast.

VSC OVERLAY SYSTEMS



INDUSTRIAL



AGRICULTURAL



ARMOR-ROCK™

ARMOR-ROCK combines the endurance of ARMORCOAT EPOXY with the exceptional hardness properties of VSC AGGREGATES to produce an extremely tough wearing and impact resistant overlay. Medium to coarse non-slip textures are available, as well as a wide variety of colors. Top coats are optional to produce attractive, bright and easy cleaning floors. Apply from 1/8th inch to 1/4 inch thickness (typical).

USES

1/8th Inch Overlay - Heavy Duty

Typically use VSC MEDIUM Broadcast Aggregates

- Chemical Rooms
- Manufacturing
- Walkways
- Stall Pads & Slats

3/16-1/4 Inch Overlay - Very Heavy Duty

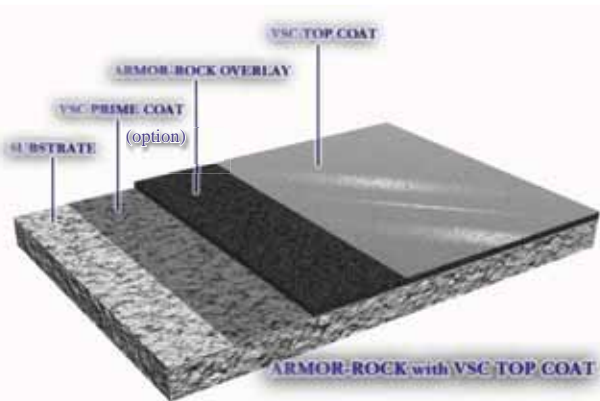
Typically use ES NATURAL or G DIAMOND

Broadcast Aggregates

- Parlor floors
- Veterinarian
- Food processing
- Slats & Feeder Pads

ARMOR-ROCK TOOLS PACKAGE

#TSAR-50G



ARMOR-ROCK SYSTEM PROCESS

- STEP 1:** Slurry Mix: 1.5 gallon ARMORCOAT EPOXY + 25 lbs. ARMOR-ROCK ADMIX.
- STEP 2:** Slurry Mix is spread with 1/4" notched squeegee (see page 20) or gage rake over primed (optional) prepared and leveled substrate. TYPICAL COVERAGE: 28 sq.ft. per 1.5 - gallon unit at 3/16 inch nominal thickness.
- STEP 3:** Back-Roll slurry to level using a looped cover (see page 19) and then broadcast selected aggregate to saturation.
- STEP 4:** Apply Topcoat (optional) at 100 (over ES NATURAL or G-DIAMOND) to 150 (over VSC MEDIUM aggregate) sq.ft. per gallon. Thicker topcoats can be applied to obtain a smoother finish. Use a 1/8th inch or flat squeegee (see page 20) followed by 1/2 inch nap cover (see page 19).

AGGREGATES FOR SURFACE TEXTURES

MEDIUM: VSC MEDIUM.... #210-520B50 lb bag

For most manufacturing and food processing floors, slats, pads and pen floors.

COARSE: ES NATURAL...#82801-50N50 lb bag

For non-slip ramps, walkways and chutes.

EXTRA COARSE:

G-DIAMOND.....#82900-35N35 lb bag

Non-slip ramps, walkways and livestock facilities requiring heavy duty protection and non-slip.

COVERAGE PER BATCH

1.5 Gal Batch

- 1.5 gal ARMORCOAT EPOXY*
 +
 25 lb. ADMIX #520B-25
 +
 25 lb. Selected Broadcast (see left)
- 42 sq.ft. @ 1/8th inch Lighter Duty
 28 sq.ft. @ 3/16th inch Medium Duty
 21 sq.ft. @ 1/4th inch Heavy Duty

* See ARMORCOAT page 4

ARMOR-ROCK KITS

Consist of 1.5 Gal ARMORCOAT EPOXY, 25 lbs. AR ADMIX and 25 lbs. VSC MEDIUM Broadcast.

ARMOR-ROCK 6-8 Hr set

CLEAR #AC133-AR
MEDIUM GRAY #AC133G-AR
TILE RED #AC133T-AR

ARMOR-ROCK FAST 4-5 Hr set

CLEAR #AC210-AR
MEDIUM GRAY #AC210G-AR
TILE RED #AC210T-AR



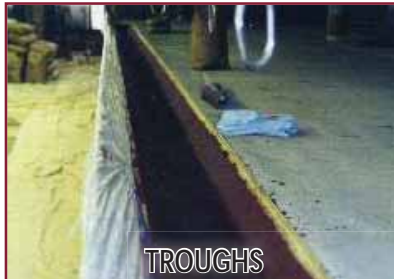
VSC OVERLAY SYSTEMS

ARMOR-ROCK THX

Utilizes the abrasion and wear resistance of VSC THIXO aggregate with tough wearing and chemical resistant ARMORCOAT EPOXY. This smooth and seamless tile-like finish is ideal for food grade surfaces (USDA Accepted). This easy cleaning and sanitary overlay is typically applied from 1/32nd to 1/8th inch over smooth or leveled surfaces.



MANGERS & BUNKS/FLOORS



TROUGHS

ARMOR-ROCK THX 200 SQ.FT PACKAGE

CONSISTS OF

- 1 - 3 Gal ARMORCOAT EPOXY
- 1 - .75 Gal EPO-POXY PRIMER
- 2 - 10 lb. THIXO ADDITIVE

ARMOR-ROCK THX
6-8 Hr set
MEDIUM GRAY
#AC133G-THX

ARMOR-ROCK THX FAST
4-5 Hr set
MEDIUM GRAY
#AC210G-THX

Ideal for food and pharmaceutical manufacturing and livestock feeding surfaces.

ARMOR-ROCK THX SYSTEM PROCESS

- STEP 1:** Slurry: Mix 1.5 - gallon ARMORCOAT EPOXY with 10 lbs THIXO
- STEP 2:** Slurry Mix is spread with 1/8th inch notched squeegee (see page 20) or trowel over primed and leveled substrate.
TYPICAL COVERAGE: 90-100 sq.ft. per 1.5 gallon unit at 1/32ND inch thickness.
- STEP 3:** Back-Roll wet epoxy to level using an epoxy or looped cover (see page 19).

ARMOR-ROCK THX 200 SQ.FT PACKAGE OF SUPPLIES

#TSTHX-200 All the professional tools and supplies needed to apply the THX system

ARMOR-SLATE



HARVESTORE FLOORS

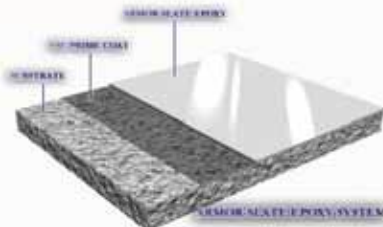
When deterioration is bad (1/4 to 1/2 inch) and the wear conditions are extreme, then the high-build smooth and seamless ARMOR-SLATE system is the solution. This system, like ARMOR-ROCK, combines the hardness and abrasion resistance of VSC aggregates with the durability and chemical resistance of ARMORCOAT EPOXY. It's now available with the VSC Aluminum Oxide Blend* for superior resistance to steel-wheeled traffic.



FLOORS

APPLICATIONS

PLANT FLOORS
HARVESTORE STRUCTURES
MANGERS/BUNKS



AGGREGATE BLENDS

| | | | |
|------------------|------------|-----------------|-----------|
| ES NATURAL | #82801-35N | 35 lb. bag.... | VERY HARD |
| G DIAMOND | #82900-35N | 35 lb. bag..... | HARDER |
| ALUMO ROCK* | #82901-35N | 35 lb. bag..... | HARDEST |

ARMOR-SLATE SYSTEM PROCESS

- STEP 1:** Slurry Mix = 1.5 gallon ARMORCOAT EPOXY + 35 lb. selected VSC Aggregate (see blends above)
- STEP 2:** Slurry Mix is spread with 1/4 inch notched squeegee (see page 20) or gage rake over prepared and primed (typically EPO-POXY or EPO-SEAL) substrate.
TYPICAL COVERAGE: 28 sq.ft. per 1.5 - gallon unit at 3/16TH inch
- STEP 3:** Back-Roll slurry with spiked or looped roller cover (see page 19) to level and smooth.



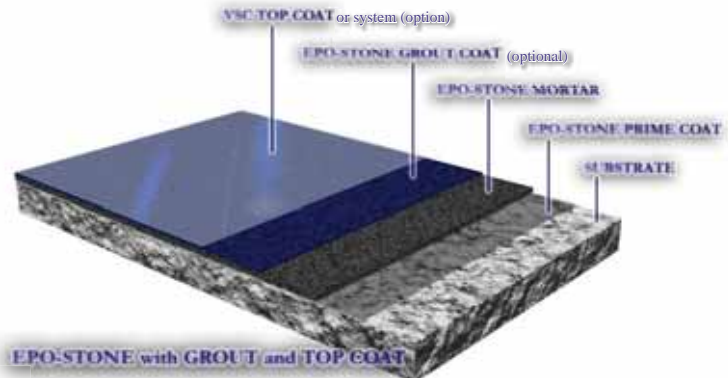
EPO-STONE FLOORING

When floors are rough or require an extremely tough-wearing high build, fast set overlay, then EPO-STONE meets the objective. Applied from 1/8th inch to 5/16th inch in most applications to form an extremely tough epoxy mortar overlay that has high impact and chemical resistance. One step trowel applied mortar levels rough surfaces. A wide range of colors are available. A multitude of topcoats are optional to produce the desired surface. Cove, slope or overlay. Use to patch and level before other VSC epoxy overlay systems.



PLANT FLOOR

WASH BAY



USES

- Heavy Manufacturing
- Food Processing
- Truck Wash Bays
- Dairy Parlor Floors
- Service Centers



EPO-STONE works as a hand trowel system over smaller surfaces or a power trowel system over large areas. EPO-STONE with ES Natural forms an ideal cove base. EPO-STONE is fast setting with a 4 - 5 hour set.

EPO-STONE EPOXY LIQUIDS

| | |
|------------------|----------------------------|
| #82801-AB..... | .5 Gal Kit |
| #82801-AB16..... | (16) .5 Gal Kits BULK PACK |

EPO-STONE KIT - NATURAL

| | |
|---------------|------------------|
| #82810-N..... | 18 sq.ft. @ 1/4" |
|---------------|------------------|

AGGREGATE VSC BLENDS (ADMIXES)

| | | |
|------------------|------------|------------|
| ES NATURAL | #82801-35N | 35 lb. bag |
| G DIAMOND | #82900-35N | 35 lb. bag |
| ALUMO ROCK..... | #82901-35N | 35 lb. bag |

- TO COLOR EPO-STONE USE 8 FL. OZ. OF SELECTED COLOR ADDITIVE per BATCH

EPO-STONE SYSTEM PROCESS

- STEP 1:** Prime prepared substrate with EPO-STONE epoxy resins at 75-100 sq.ft. per .5 gallon unit.
- STEP 2:** Base Batch: Mix .5 gallon EPO-STONE EPOXY resins with PROP MIXER (see page 18). Add 8 fl. oz. color additive if used. ADD liquid to PAIL MIXER (see page 18) and then thoroughly mix in 35 lbs selected aggregate blend.
- STEP 3:** Spread mortar with gage or screed rake or trowel over wet primer and then hand-trowel (see page 20) or power-trowel to desired thickness. TYPICAL COVERAGE: 18 sq. ft. per batch at 1/4-inch nominal thickness. Leave as is for a light non-slip finish or top coat (see steps 4 and 5) for desired finish.
- STEP 4:** (option) Apply ARMORCOAT EPOXY (see page 4) grout coat with flat squeegee (see page 20) and roller (see page 19) at the rate of 50-75 sq. ft. per gallon to seal the surface.
- STEP 5:** (option) Apply ARMORCOAT, ARMOR-ROCK or ARMOR-SLATE systems to obtain the desired surface.



VSC OVERLAY SYSTEMS

EPO-CRETE URETHANE MORTAR SYSTEM

EPO-CRETE is a urethane mortar overlay system. It is formulated with an expansion coefficient similar to concrete so that it can withstand significant thermal-shock conditions.

| | | |
|-------------|-----------------------|------------------------|
| USES | INDUSTRIAL | AGRICULTURAL |
| | • Food Processing | • Milk & Cheese Plants |
| | • Industrial Kitchens | • Slaughter Plants |
| | • Beverage Plants | • Livestock Facilities |



EPO-CRETE SL

EPO-CRETE SL is a self-leveling urethane mortar system applied as a smooth slurry or slurry + broadcast. It can be applied from 1/8th inch thickness or greater with or without VSC MEDIUM broadcast aggregate. A final topcoat is optional. (See EPO-CRETE TOPCOAT below)

TYPICAL COVERAGE: 74-76 sq. ft. per unit at 1/8 inch nominal thickness and 50 sq. ft. at 3/16 inch

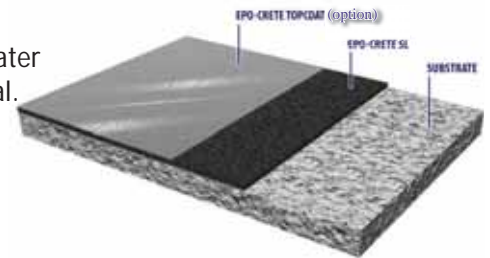
Note: Aggregate must be added for all components to cure.

One unit consists of (1) 1.85 Gal. kit of EPO-CRETE Liquids and (1) 51.4 Lb. Bag of EPO-CRETE SL Aggregate.

| | | |
|----------------------|------------------------|-------------------------|
| Product | EPO-CRETE LIQUIDS | |
| Availability: | #82400 | 1.85 Gal. Kit (1:1 Mix) |
| | EPO-CRETE SL AGGREGATE | |
| | #825007G | 51.4 Lb. Bag (Gray) |
| | #825007R | 51.4 Lb. Bag (Tile Red) |
| | #825007T | 51.4 Lb. Bag (Tan) |
| | VSC MEDIUM AGGREGATE | |
| | #210-520B | 50 Lb. Bag |

Application:

- Step 1: Mix (see page 18) liquid components and then mix in the aggregate.
- Step 2: Spread with screed rake or notched trowel (see page 20) over a properly prepared and dried substrate.
- Step 3: Roll with a looped roller (see page 19) to level.
- Step 4: Broadcast VSC MEDIUM Aggregate to uniform saturation. About .5 lbs. per sq. ft.
- Step 5: Apply EPO-CRETE topcoat if desired (see below).



EPO-CRETE TR

EPO-CRETE TR is a trowel-applied urethane mortar system. Typically applied at 1/4 inch thickness. Produces a uniform non-slip finish. Topcoats are optional.

TYPICAL COVERAGE: 50-57 sq. ft. per unit at 1/4 inch nominal thickness.

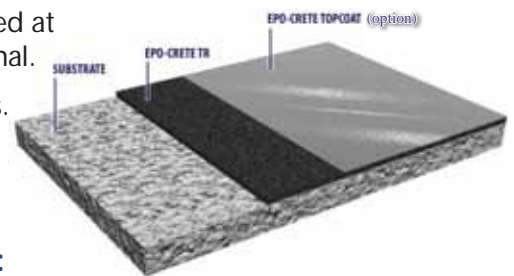
Note: Aggregate must be added for all components to cure.

One unit consists of (1) 1.85 Gal. kit of EPO-CRETE Liquids and (2) 45 Lb. bags of EPO-CRETE TR Aggregate.

| | | |
|----------------------|------------------------|----------------------------|
| Product | EPO-CRETE LIQUIDS | |
| Availability: | #82400 | 1.85 Gal. Kit (1:1 Mix) |
| | EPO-CRETE TR AGGREGATE | |
| | #826007G | (2) 45 Lb. Bags (Gray) |
| | #826007R | (2) 45 Lb. Bags (Tile Red) |
| | #826007T | (2) 45 Lb. Bags (Tan) |

Application:

- Step 1: Mix liquid components with PROP MIXER (see page 18). Then add the aggregate and mix in a 2 cu. ft. batch mixer.
- Step 2: Place by screed followed by steel trowel (see page 20) finishing.
- Step 3: Apply EPO-CRETE topcoat (see below) if desired following cure.



EPO-CRETE TOPCOAT

TYPICAL COVERAGE: 150-175 sq. ft. per mix

| | | |
|----------------------|-----------------------------|-------------------------|
| Product | EPO-CRETE LIQUIDS | |
| Availability: | #82400 | 1.85 Gal. Kit (1:1 Mix) |
| | EPO-CRETE TOPCOAT AGGREGATE | |
| | #827007G | 16 Lb. Bag (Gray) |
| | #827007R | 16 Lb. Bag (Tile Red) |
| | #827007T | 16 Lb. Bag (Tan) |

APPLICATION: Mix liquid components with PROP MIXER (see page 18). Then add aggregate and mix again.

MICROBE-X

When combined with MICROBE-X anti-microbial additive, EPO-CRETE provides protection from a wide range of fungi and bacteria.

Product

Availability: Special order with MICROBE-X Additive

REPAIR PRODUCTS

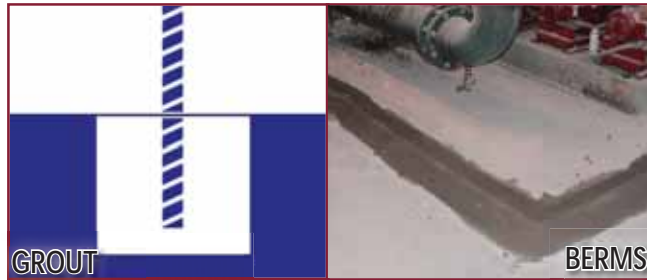


For over 20 years Vanberg Specialized Coatings has built its reputation on high performance dependable concrete repair products.

"WHEN CONCRETE GETS UGLY, ONE OF OUR REPAIR PRODUCTS WILL...SAVE YOUR CONCRETE'S LIFE!"

CON-KORITE™ X'TRA HIGH STRENGTH & FAST SET REPAIR MORTAR

OUR #1 REPAIR PRODUCT! FAR OUT-PERFORMS COMMON PORTLAND-BASED PRODUCTS!



AGRICULTURAL

- Slats/Floors
- Bunks/Mangers
- Gutters/Troughs
- Parlors
- Walkways
- Tanks

INDUSTRIAL

- Plant Floors
- Parking Ramps
- Runways
- Grouting
- Anchoring
- Berms

- * **SETS IN 30 MINUTES...** no down time
- * **SUPER DENSE...** High abrasion, salt & sulfate resistance
- * **VERSATILE...** Apply from feather edge to any thickness

- * **HIGH STRENGTH...** Over 3,000 psi in 1 hour and nearly 10,000 psi in 28 days.
 - * **NON-SHRINK...** Forms a tight bond
 - * **NATURAL COLOR...** Accepts stains
- TYPICAL COVERAGE: 25 sq.ft. @ 1/4 inch per 55 lbs.

Easy to use, too... just mix with water and trowel apply. Or use **KB25 ACRYLIC RESIN** for enhanced bond and resistance to absorption. KB25 is ideal for wet environments!

General Use: 1 part KB25 to 2 parts water (1 gallon KB25 for 3 - 55 lb. bags or pails of mortar)

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

PACKAGING

CON-KORITE PLUS KIT 60 LB

#KB0100 60 lb. Kit "MOST POPULAR"
Includes 55 lb. bag mortar, 2 qts KB25 and 1 SET CONTROL.



CON-KORITE X'TRA 55 LB PAIL

#KB0061.....55 lb. bag packed in 5-gallon pail



CON-KORITE X'TRA 55 LB BAG

#KB006055 lb. bag



CON-KORITE X'TRA 17 LB GROUT MIX

#KB006617 lb. bag



KB25 ACRYLIC RESIN

#KB0026KB25 ACRYLIC RESIN-1 gal jug



#KB0027KB25 ACRYLIC RESIN-5 gal pail



SET CONTROL

#KB0001 1 Pouch





REPAIR PRODUCTS

EPOXY REPAIR MORTARS

ARMOR-GROUT

These specially designed epoxy mortars are ideal for tough wear situations where chemical resistance is important. Easy to use to...just mix and trowel apply using EPO-STONE trowels (see page 20).

AGRICULTURAL

- Feed pads & slats around WET/DRY feeders (pork)
- Milk and chemical room floors (dairy)



INDUSTRIAL

- Food Processing
- Milk and cheese plants
- Manufacturing



AVAILABILITY:

KITS: CONTAINS EPOXY RESINS AND VSC AGGREGATE BLEND

ARMOR-GROUT

Sets in 6-8 Hours
 General Applications
 Coverage: 18 sq. ft. @ 1/4 inch



NATURAL
 #AC133-AG

MEDIUM GRAY
 #AC133G-AG

TILE RED
 #AC133T-AG

ARMOR-GROUT FAST

Fast Repair... Sets in 4-5 Hours
 Dairy, Pork and General Applications
 Coverage: 18 sq. ft. @ 1/4 inch



NATURAL
 #AC210-AG

MEDIUM GRAY
 #AC210G-AG

TILE RED
 #AC210T-AG

ARMOR-GROUT X'TRA FAST

Super-Fast Repair... Sets in 1-2 Hours
 Dairies and Cooler Rooms
 Coverage: 12-13 sq. ft. @ 1/4 inch



NATURAL
 #82414

MEDIUM GRAY
 #82417

TILE RED
 #82418

ARMOR-GROUT CR (Novolac)

Very High Chemical Resistance...
 Sets in 6-8 Hours
 Dairies and Food Processing
 Coverage: 18 sq. ft. @ 1/4 inch



NATURAL
 #92600-60AG

MEDIUM GRAY
 #92600G-60AG

TILE RED
 #92600T-60AG

REPAIR PRODUCTS



EPOXY GEL

This easy mix vaseline-type epoxy is designed for the do-it-yourself. Just mix and scrape over hairline cracks, small pits and holes in floors and walls. Topcoat in just a few hours.



SEMI-TRANSPARENT CLEAR

#72821..... 1 Gal Kit
#72821-2 2 Gal Kit

TYPICAL COVERAGE: 150 linear ft. per gallon at 1/8" w x 1" d

EPOXY JOINT FILL-VERTICAL



Before

After

Flexible epoxy paste fills cracks and seams in vertical and horizontal surfaces. Ideal for repair of tank, pit and structure walls and floors. Withstands continuous exposure to most liquids and wastes. Sets in 10-12 hours.



MEDIUM GRAY

#72829HV..... 1 Gal Kit
#72829HV-2..... 2 Gal Kit

TYPICAL COVERAGE: 40 linear ft. per gallon at 1/2" w x 1" d



EPO-SET 400

Fast-set polymer paste. Fill cracks, holes and re-set equipment. A dual cartridge system applied with application gun. Sets in 1 hour!

MEDIUM GRAY

#72400..... 22 fl.oz. Dual Cartridge (3/cs) with mix tubes
#72400-T Spare Mix Tubes

TYPICAL COVERAGE: 22 linear ft. at 1/4" w x 1/4" d (39 cu. in.)



EPOXY JOINT FILL FAST

Fast-set self-leveling polymer. Fill horizontal cracking and joints. Just fill and shave within minutes. A dual cartridge system applied with application gun. Sets in 2 minutes!

MEDIUM GRAY

#72600..... Dual Cartridge (3/cs) with mix tubes
#72600-T ... Spare Mix Tubes

TYPICAL COVERAGE: 22 linear ft. at 1/4" w x 1/4" d (39 cu. in.)



APPLICATOR GUN

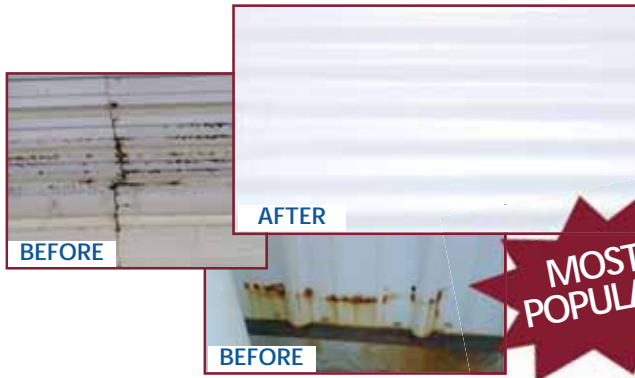
Used to easily apply dual cartridge polymers. (EPO-SET 400 and EPOXY JOINT FILL "FAST").



#72830G..... Applicator Gun



METAL COATINGS



MOST POPULAR!

V-THANE URETHANE METAL COATING

V-THANE is our top performing two-component urethane. It exhibits excellent flexibility, chemical and weather resistance and will not discolor or chalk when exposed to UV light. When combined with VSC ZINC additive in the base coat, V-THANE significantly inhibits the development of rust. It can be used as a stand-alone coating or as a topcoat over a prime coat of ARMORCOAT 65 metal coating. It also works on concrete and wood surfaces.

USES: Interior and exterior metal surfaces on livestock, automotive, industrial, farm and institutional facilities.

TYPICAL COVERAGE: 300 sq. ft. per gallon as stand-alone coating. 400 – 500 sq. ft. as topcoat.

APPLICATION: Brush, roller or spray (Industrial airless)

WHITE

| | |
|----------------|-------------|
| #320VW-75..... | .75 Gal Kit |
| #320VW..... | 1.5 Gal Kit |
| #320VW-3..... | 3 Gal Kit |
| #320VW-15..... | 15 Gal Kit |

MEDIUM GRAY

| | |
|----------------|-------------|
| #320VG-75..... | .75 Gal Kit |
| #320VG..... | 1.5 Gal Kit |
| #320VG-3..... | 3 Gal Kit |
| #320VG-15..... | 15 Gal Kit |

#AC105Z-3..... Zinc 3 lb.

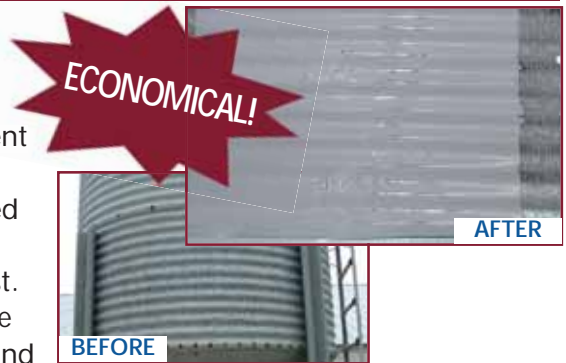
ARMORCOAT 65 EPOXY METAL COATING

ARMORCOAT 65 is a high performance, 'economical' two-component epoxy. Like V-THANE it exhibits excellent chemical and weather resistance. However, light colors will discolor or chalk when exposed to UV light. When combined with VSC ZINC additive in the base coat, ARMORCOAT 65 significantly inhibits the development of rust. It can be used as a stand-alone coating or as a topcoat over a prime coat of ARMORCOAT 65 metal coating. It also works on concrete and wood surfaces.

USES: Interior and exterior (darker colors) metal surfaces on livestock, automotive, industrial, farm and institutional facilities.

TYPICAL COVERAGE: 300 sq. ft. per gallon as stand-alone coating. 400 – 500 sq. ft. as topcoat.

APPLICATION: Brush, roller or spray (Industrial airless)



ECONOMICAL!

MEDIUM GRAY

| | |
|----------------|------------|
| #AC105-1..... | 1 Gal Kit |
| #AC105-2..... | 2 Gal Kit |
| #AC105-10..... | 10 Gal Kit |
| #AC105Z-2..... | Zinc 2 lb. |

Other colors are available:
Contact VSC for options



USES: All exterior metal roofs and bins. It is not designed to go over tar or rubber-based coatings. TYPICAL COVERAGE: 40 – 100 sq. ft. per gallon per coat. Two coats are recommended.

APPLICATION: Knot brush, roller or spray (Industrial sprayer)



KNOT BRUSH

ACRYLIC COAT ELASTOMERIC MEMBRANE

ACRYLIC COAT is a single component high build coating system that is ideal for buildings with roofs that have movement and are leaking. It resists molds, mildew, weather extremes and UV light exposure. As a membrane, it bridges seams, splits and screw heads, maintaining a continuous coating that prevents or stops water seepage.

| | | |
|-----------------|------------|-------|
| #RC811FPW-5.... | 5 Gal Unit | WHITE |
| #RC811FPG-5 ... | 5 Gal Unit | GRAY |
| #RC811FPB-5.... | 5 Gal Unit | BEIGE |

METAL COATINGS



For Metal Coatings to perform their best, use VSC Restoration Products to get the surface ready!



VSC RUST CONVERTER

VSC RUST CONVERTER stops rust in its tracks preventing further corrosion and rusting on metal surfaces. When applied, it chemically converts rust into a stable black compound. It will oxidize other corrosion and scale. A clear acrylic layer then forms over the converted rust that can be covered with SEAM TAPE or coated with ARMORCOAT 65 or V-THANE. Or, the clear acrylic layer will last as a stand-alone coating.

STEP 1



USES: Metal roofs, ceilings and walls on livestock, plant, institutional and farm buildings. It is effective on equipment, boats, tools and virtually any metal structure.

TYPICAL COVERAGE: Variable, typically up to 500 sq. ft. per gal.

APPLICATION: Brush, roller or spray (conventional paint sprayer).



RUST ZONE



APPLY CONVERTER



CONVERSION COMPLETED



COATING APPLIED

#RC900 1 Quart (12/case)
#RC900-1 1 Gal (4/case)
#RC900-S ... 20 oz spray can (12/case)



VSC SEAM TAPE

This contouring, self-adhesive and high-strength seam tape is great for repairing holes, loose screw heads, splits and seam separations. It will stop leaks as well. It has excellent structural strength, superior adhesion and accepts the solvent based coatings ARMORCOAT 65 and V-THANE (unlike Butyl seam tapes). Just press the tape onto the surface and work into the split, seam or hole.

#RC800-2 2" x 50' Roll

STEP 2



VSC SEAM TAPE ROLL



PLACE SEAM TAPE



APPLY COATING



FINISHED REPAIR

VSC ZINC ADDITIVE

VSC ZINC powder, when added to ARMORCOAT 65 or V-THANE coatings, acts as a sacrificing compound that protects the metal substrate from further corrosion. Zinc is well known to significantly reduce the rate of corrosion versus coatings without Zinc. Excellent for prime coats and stand-alone coatings.

TYPICAL COVERAGE: 1 lb. per gallon of ARMORCOAT 65 or V-THANE

#AC105Z-2 2 lb. Tub (FOR AC65 2 GAL. UNIT)
#AC105Z-3 3 lb. Tub (FOR V-THANE 3 GAL. UNIT)

ACRYLIC CAULK

Elastomeric single component polymer caulk for filling or sealing seams, splits, laps and screw heads. Use prior to coating with ACRYLIC COAT or use as a stand-alone caulk. Use on roofs, walls and bins.



#RC815M-3 3.5 Gal Unit (WHITE)

PREPARATION CHEMICALS & SUPPLIES

CONCRETE CLEAN & ETCH

Aggressive Formula cleans and etches concrete floors to create a "hold tight" textured surface improving adhesive qualities of sealers and coatings. Removes laitance from new concrete and neutralizes alkali and soap residue. Dissolves scale and lime deposits from pipes and equipment. COVERAGE: 150 sq. ft./gallon.

- Concentrated for economy
- Safer than muriatic acid

#VP-151-1..... 1 Gal (4/cs)
#VP-151-5..... 5 Gal



* CAN NOT SEND UPS!

DEEP KLEEN

Concentrated blend of mild, non-flammable, non-abrasive ingredients for quick removal of grease, dirt, oil and most rust stains. Acid neutralizer. All-purpose cleaner; use with water.

COVERAGE: Cleans up to 400 sq. ft./gal.

#VPC-49-1..... 1 Gal (4/cs)



H-D CLEANER

Heavy Duty Butyl Degreaser with rust inhibitor. Excellent on grease, oil dirt and black rubber marks. Concentrated and free rinsing. Works in automatic scrubbers. COVERAGE: Cleans up to 800 sq. ft./gal.

#VPC-50-1..... 1 Gal (4/cs)



SOLVENT 101

This multi-purpose thinner and clean-up solvent for epoxies. SOLVENT 101 (1 Gal) can be shipped via UPS.

#VPC-101-1..... 1 Gal
#VPC-101-5..... 5 Gal



MIXING EQUIPMENT

4" PROP MIXER

Heavy duty, but economical prop designed for thorough mixing of epoxies, urethanes and mortars. Use with 1/2", variable speed, electric drill.

#TS46565..... 1 Unit



PORTABLE PAIL MIXER

Portable, fixed angle pail mixer for easy, thorough, consistent blending of mortars and epoxies. Durable, all steel construction and professional grade, electric motor sustain high performance, continuous operation.

#TSKM5825Unit with prop for Epoxy mortars
#TSKR.....Standard Prop Replacement
#TSKMR1.....PROP FOR MIXING CON-KORITE



A must for mixing EPO-STONE and for large projects! Mixes .5 cu.ft.

CONTAINERS

MEASURE CONTAINERS

Convenient measuring containers for proportioning mixes.

#TS1QM 1 Quart
#TS2QM 2 Quart
#TS5QM 5 Quart



PAILS & LIDS

5 gal pail with child safety warning and lids. Use to mix and store materials.

#TS305..... 1 Pail
#TS305L..... 1 Lid Plain
#TS305PL..... 1 Lid Spouted



Pour spout





EPOXY/URETHANE ROLLER COVERS

Wooster roller covers are designed with lint-free fabric. They resist solvents and readily handle heavy bodied epoxies and urethanes to produce the most uniform professional coating.

PROFESSIONAL COVERS



18 inch

| | Nap |
|------------|------|
| #TSR642-18 | 3/8" |
| #TSR643-18 | 1/2" |



9 inch

| | |
|-----------|------|
| #TSR765-9 | 3/8" |
| #TSR204-9 | 1/2" |



4 inch

| | |
|-----------|------|
| #TSR205-4 | 3/8" |
| #TSR204-4 | 1/2" |

EPOXY GLIDE COVERS

Advanced pick-up and flow for smoother surfaces. 1/4 inch nap. Great for ULTRA-GLOSS!



#TSR232-18 18"



#TSR232-9 9"

LOOPED COVERS

Plastic loops remove trapped air and levels heavy coatings.



#TSR233-18 18"



#TSR233-9 9"

FRAMES & BRUSHES

BIG BEN 18" FRAME

Economy and durability for large areas. Fits 18" covers and threaded tip pole.

#TSBR045 1 Frame



#TSBR085 Extra Leg Set

9" HEAVY DUTY FRAME

Fits threaded tip pole.

#TSF0010-9



4" HEAVY DUTY FRAME

Fits threaded tip pole.

#TSF0010-4



3" CUT-IN CHIP BRUSH

#TSF5117-3



POLES

1-3 FT. POLE SET

3 pieces assemble to 36 inch pole. Economy. Thread tip that fits all roller frames.

#TSF0007-3



5 ft. wood handled pole with metal threaded tip. Fits all frames.

#TSF0005 5' Pole



5 ft. wood pole with tapered end. Fits heavy duty squeegee frame.

#TSF0008 5' Pole

TRAYS



9" ROLLER TRAY

Plastic tray that resists solvents.

#TSR404 9" Tray



18" ROLLER TRAY

Large solvent-resistant tray that accepts Big Ben 18" roller frame.

#TSBR412 18" Tray



TOOLS/SUPPLIES

SQUEEGEES FOR COATING APPLICATION

NOTCHED SQUEEGEES Used for applying heavy-bodied epoxy coatings and overlay systems.



HEAVY DUTY
3/8", 1/4" OR 1/8"
(Specify notch when ordering)
• Uses tapered tip pole

#TS1418-SE..... 18" Squeegee
#TS1424-SE..... 24" Squeegee
(36" - special order)



ECONOMY 1/8" NOTCH
#TSFEC-18N.... 1/8" Notch Only

• Uses threaded tip pole

FLAT-BLADED SQUEEGEES Used for uniform spread of low build epoxies and urethanes and to remove water from floors.



HEAVY DUTY
#TS024..... 24" Squeegee
• Uses tapered tip pole



ECONOMY
#TSFEC-18F..... 18" Squeegee
• Uses threaded tip pole

TROWELS



NOTCHED for spreading heavy-bodied epoxy slurries.
#TS110-33
11" x 4 1/2" x 1/8" notch
#TS110-77
11" x 4 1/2" x 1/4" notch



EPO-STONE TROWEL
Pre-ground edges for smooth trowel of mortars.
#TSTC6C
14" x 3"
#TST1MT
8" x 3"

COVE TROWEL For forming cove base 4" high.

#TS47411
4" x 3" x 6" w



ROUND END TROWEL
Used for curved gutters and troughs. Pre-ground edges smooth trowel of mortars.

#TSP1C 10" x 3"
#TSP2C 12" x 3 1/2"



SPIKE SHOES



SPIKE SHOES
Shoes with 3/4" spikes for walking on wet coatings.

#TS46106..... 1 Pair



Set of 26 3/4" spare Spikes
#TS46125



Set of spare Straps
#TS46120

TOOLS/SUPPLIES



SAFETY SUPPLIES



GLASSES

Dewalt Plastic Safety Glasses.

#TSDPG52 1 Pair



GLOVES

Chemical Resistant and Tough wearing.

#TS5000G 1 Pair

DIAMOND GRINDING DISKS use with 7" and 4.5" angle grinders



AGGRESSIVE DISKS produce a rougher profile.

#JD071258 7"
#JD04958P 4.5"



SMOOTH PROFILE DISKS create a smoother profile.

#JD072458 7"
#JD051858 4.5"

TAZ AGGRESSIVE SANDING DISKS



fast removal of paints, thin mil coatings and mastics.

#JD97161 7" 16" grit
#JD96451 4.5" 16" grit

WIRE SCRAPER BRUSH

Quick removal of loose rust and scale.



#TS46806 1

PREPARATION & MAINTENANCE EQUIPMENT

16" FLOOR GRINDER

Three head grinder designed for thorough concrete preparation prior to coating 110V 1 1/2 HP motor. Dust containment design.



#464317 1 unit

WEIGHTS 20 lbs.



#491391 20 lb.

DIAMOND DISKS



#49329 Set of 3

20 Gal 2 HP DRY VAC



TOOL KIT - 1.5 inch



Large capacity vacuum designed to significantly minimize dust from the grinding process. Easy to move and operate.

SPARE HOSE

#344680 10 ft.

SPARE FILTER

#384496 5 Pack

#319457 20 HP Vac w/ Tool Kit



TOOLS/SUPPLIES



FLOOR BUFFER 17" 175 RPM

Deluxe Floor Scrubber designed for cleaning and screening polymer floor coatings.

#351954..... 1 unit

SCREENS

Deglosses and abrades polymer coatings.



#7517100..... 100 mesh (10/box)

17" PAD DRIVE



#334820..... 1 Drive

WHITE PADS

Holds screens in place.



#311146..... 17 in (5/cs)

VSC AGGREGATES & ADDITIVES

| | | | | | |
|--|--|---|-------------|----------|--------|
| AGGREGATE BROADCASTS Light broadcasts are aggregates that are uniformly sprinkled over wet epoxy and then re-rolled to encapsulate. They produce a slight non-slip surface. Full Broadcasts are aggregates that are broadcast over wet epoxy until the surface is completely saturated with the aggregate (no wet spots). | LIGHT BROADCAST .01 lbs of MEDIUM or FINE per sq ft for light non-slip texture | VSC MEDIUM AGGREGATE for HIGH BUILD COATINGS applied @ 100-150 sq ft/gal | #210-520B | 50 lbs. | |
| | FULL BROADCAST SYSTEMS .3-.5 lbs per sq ft for uniform tough-wearing non-slip surface or up to 1 lb per sq ft for slurry overlays like ARMOR-ROCK . | VSC FINE AGGREGATE for LOW BUILD COATINGS applied @ 150-300 sq ft/gal | #210-540 | 50 lbs | |
| AGGREGATE BLENDS FOR ADMIX and BROADCASTS One 35 lb. bag per .5 gal kit of EPO-STONE AB for a trowel applied mortar or 25 lbs per 1.5 gal kit of ARMORCOAT EPOXY for a trowel applied slurry. See LIGHT and FULL BROADCAST coverage rates above. | | COLOR-FLAKES (see page 8 for options) Solid Colors | #ES602S-2 | 2 lbs | |
| | | | #ES602S-10 | 10 lbs | |
| | | | #ES602-55 | 55 lbs | |
| | | Blends | #ES602SB-2 | 2 lbs | |
| THIXO Thickening additive for 100% solids epoxies. Reduces slump. | Variable (typically 5-10 lbs per 1.5 gallon kit) | ES NATURAL BLEND (coarse) Natural color high wear blend | #82801-35N | 35 lbs | |
| | | G-DIAMOND NATURAL BLEND (coarse) Formulated for extended wear | #82801-50N | 50 lbs | |
| | | ALUMO-ROCK Aluminum Oxide Blend (hardest) Design for maximum wear against steel wheels | #82900-35N | 35 lbs | |
| | | ARMOR-ROCK ADMIX | #82901-35N | 35 lbs | |
| | | | #520B-AR | 25 lbs | |
| EPOXY CATALYST Hastens initial set of 100% solids epoxies. | 6 fl oz per gal of mixed epoxy. | | 10 lb pail | #TS19110 | 10 lbs |
| | | | 50 lb pail | #TS19150 | 50 lbs |
| ORISIL Fumed Silica Additive - makes paste for grouting before coating. | Variable (typically 2 -3 times the volume of epoxy mixed) | 16 fl oz can (12/case) | #8451ES-K54 | 1 lbs | |
| | | | 10 lb bag | #TS20050 | 10 lbs |

VSC COATING & OVERLAY SYSTEMS



LOW BUILD SOLVENT-BASED EPOXY COATINGS – ARMORCOAT 65 EPOXY at 300 sq ft/gal as a base coat followed by a topcoat at 300 sq ft/gal. Typically applied with a flat squeegee and back-rolled with a lint free 3/8th inch nap roller cover. The second coat produces the most uniform coating.

LOW BUILD SOLVENT-BASED URETHANE COATINGS – ULTRA-GLOSS CRU at 300 sq ft/gal as a base coat followed by a topcoat at 400 sq ft/gal. Typically applied with a flat squeegee and back-rolled with a lint free 3/8th inch nap roller cover. The second coat produces the most uniform coating. ULTRA-GLOSS works as an excellent topcoat over any ARMORCOAT EPOXY.

LOW BUILD EPOXY COATINGS – ARMORCOAT BASE thinned with SOLVENT 101 at the rate of 1 pint per 1.5 gallon unit at 200 sq ft/gal works as a prime coat. Typically applied with a flat squeegee and back-rolled with a lint free 3/8th inch nap roller cover. A second coat produces the most uniform coating and is applied at 150 sq ft/gal (typical).

MEDIUM BUILD COATINGS – ARMORCOAT EPOXY applied at 140 sq ft/gal (12 mils) to 100 sq ft/gal (16 mils): Typically applied with a 1/8th inch notched squeegee and back-rolled with a lint free 3/8th inch nap roller cover. For the most uniform finish, this coating is applied over a low build epoxy base coat or a VSC Primer (EPO-POXY).

HEAVY DUTY COATING – ARMORCOAT EPOXY applied at 140 sq ft/gal (12 mils) to 65 sq ft/gal (25 mils): Typically applied with a flat squeegee and back-rolled with a looped or taped roller to keep the coating level over rougher surfaces. This coating is often used as a base coat to level surfaces prior to applying a LOW or MEDIUM BUILD COATING. The Heavy Duty Coat will level out surfaces that are rough. A primer is recommended to prevent excessive absorption into the substrate, but this is not a requirement. A topcoat of ARMORCOAT EPOXY is applied at 100 to 150 sq ft/gal. Typically applied with a 1/8th inch notched squeegee and back-rolled with a lint free 3/8th inch nap roller cover.

ARMOR-ROCK SYSTEM – ARMORCOAT EPOXY is combined with the ARMOR-ROCK ADMIX and is applied at roughly 30 sq ft/gal (50 mils) as a self-leveling slurry. The slurry is spread with a 3/8th to 1/4 inch notched squeegee and then back-rolled to level using a looped roller cover. Then the selected VSC AGGREGATE is broadcast to rejection. After the base layer cures excess aggregate is removed. A final topcoat of ARMORCOAT epoxy is applied at the rate of approximately 100 sq. ft. per gallon.

ARMOR-ROCK THX SYSTEM – ARMORCOAT EPOXY is combined with THIXO and is applied at roughly 60 sq ft/gal (27 mils) as a self-leveling slurry. The slurry is spread with a 1/8th inch notched squeegee and then back-rolled to level using a looped roller or spiked roller cover to produce a uniform smooth finish. A primer (EPO-POXY or EPO-SEAL) is highly recommended for this system.

ARMOR-SLATE SYSTEM – ARMORCOAT EPOXY is combined with a selected VSC AGGREGATE and is applied at roughly 25 sq ft/gal (63 mils) as a self-leveling slurry. The slurry is spread with a 3/8th to 1/4 inch notched squeegee and then back-rolled to level using a looped roller or spiked roller cover to produce a uniform smooth finish. A primer (EPO-POXY or EPO-SEAL) is highly recommended for this system.

TROWELED OVERLAY – EPO-STONE EPOXY mortar is applied at 15 to 18 sq. ft. per batch (.5 gal EPO-STONE epoxy and 35 lb. bag of ES NATURAL, G-DIAMOND or ALUMO ROCK AGGREGATE BLEND). The resin is mixed with the aggregate blend, it is then screed placed at the desired thickness over a surface roll-coat primed with EPO-STONE EPOXY liquids at 200 sq. ft. per gallon. Following the screed process the mortar is then compacted and finished by hand or power trowel. Following cure, an ARMORCOAT grout coat is usually applied at 50 sq. ft. per gallon. Any VSC COATING SYSTEM can then be applied to produce the desired texture or color.

OTHER VSC COATINGS & SYSTEMS AVAILABLE

- CONDUCTIVE COATINGS
- POLYASPARTIC COATINGS
- FIBER MAT HEAVY DUTY WALL COATING SYSTEMS
- CONCRETE HARDENER & DENSIFIER
- TEXTURE COAT - ORANGE PEEL
- COLOR STONE - DECORATIVE AGGREGATE OVERLAY

Contact VSC for more details on these products and systems.



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