

# Smith's

## INDUSTRIAL COATING SYSTEMS

717-233-8781  
www.smithpaints.com

Smith's  
30 MIL SEAMLESS FLOOR COATING SYSTEMS  
**THIN-MIL**  
Gloss or Low Sheen Finishes



© 2020 Smith Paint Products  
SCS-ICSBRe-v17-02162026

- **Chemical Resistant Systems**
- **Heavy-Duty, High Build**
  - Epoxy Mortar (*Solid Color or Color Quartz*)
  - Epoxy Slurry
  - Cementitious Urethane Slurry & Mortars
  - Flexible 100% Solids Polyurethane
- **Specialty Primers**
  - Moisture / Alkalinity Control
- **Metallic & Luster**
- **High Traffic Topcoats**
- **Light Reflective Systems**
- **Broadcast Systems**
  - Shop Floor (*Single Broadcast, solid color*)
  - Color Quartz
  - Vinyl Flake

www.smithpaints.com • 717-233-8781

Established **1929**  
FAMILY OWNED & OPERATED Smith Paint Products







**Former Cameron Street plant**  
circa 1954

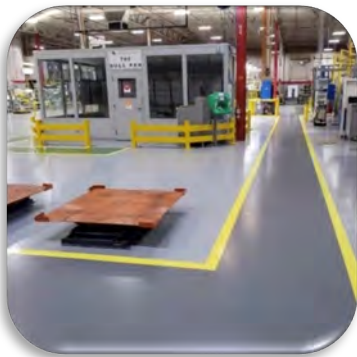
# OUR HISTORY



Smith Paint Products began manufacturing paints in 1929 to supply the Central Pennsylvania marketplace. As market needs have changed and advanced over the years, we have developed thousands of specialized formulas for a variety of different applications.



**Current Facility**



Today, Smith's focuses on the formulation and production of premium specialty coating products. Our range of products can be seen worldwide in a variety of different applications ranging from Food & Beverage and Industrial Manufacturing facilities to decorative concrete applications at Amusement and Theme Parks to Statues and Monument restorations, and much more.

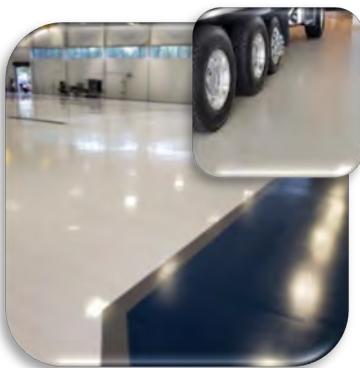


We realize to make a superior product, our standards must remain consistent by utilizing first-class manufacturing processes and raw materials along with stringent quality control measures. Our low overhead and exceptional buying power affords Smith Paint Products the ability to offer the value of affordable premium products to the marketplace.

At Smith Paint Products, company excellence is accredited to superior quality products and customer care. **#WeMakeFloorsBetter**



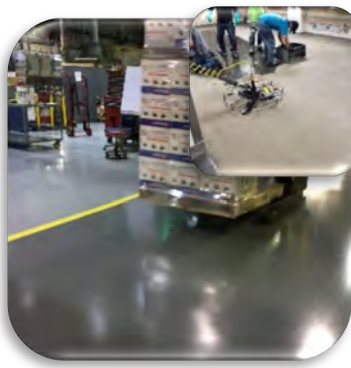




**THIN-MIL**  
Aviation & Light Reflective  
Systems, Grind & Seal



**BROADCAST**  
Shop Floor, Quartz & Flake



**HIGH BUILD RESURFACERS**  
Epoxy Mortars & Slurries,  
Cementitious Urethane Mortars



**DECORATIVE**  
Metallic Floor Coating Systems;  
Polished & Burnished Concrete; Stains & Dyes

## SYSTEM APPLICATIONS



**Thin-Mil**  
3-Coat System

**Metallic  
& Luster**  
Decorative 25  
to 50 mils

**Vinyl  
Chip**  
Commercial  
Decorative  
Full Broadcast  
Vinyl Chip

**Shop  
Floor**  
1/16" Single  
Broadcast  
Industrial  
Mild Texture  
Solid Color

**Epoxy  
SLS100™**  
30 to 500 mil  
Heavy-Duty  
Impact Resistant  
Self-Leveling  
Epoxy Slurry

**Color  
Quartz**  
1/8" average  
Double Broadcast  
Color Quartz

**Epoxy  
Mortar**  
3/16" to 1/2"  
Power Trowel  
5-Coat Epoxy  
Mortar

### AVIATION / AEROSPACE

- HANGARS - EXECUTIVE
- HANGARS - MILITARY & MAINTENANCE
- MANUFACTURING

### AUTOMOTIVE

- SERVICE BAYS
- HEAVY TRUCK SERVICE
- MANUFACTURING
- SHOWROOMS

### CLEAN ROOMS

### FOOD & BEVERAGE

- AISLE WAYS
- COMMERCIAL KITCHENS  
(NO THERMAL SHOCK RISK)
- PRODUCTION/PROCESSING

### KENNELS

### LABORATORIES

### MANUFACTURING

- AISLES/WALKWAYS
- ASSEMBLY/PRODUCTION
- TOOLING / DIE CASTING

### MECHANICAL ROOMS

### MORGUES / MORTUARIES

### LOADING DOCKS

### WAREHOUSING

### VETERINARY CLINICS

### VIVARIUMS

	■ (with UV Stable topcoat)	■ (with UV Stable topcoat)	■ (with UV Stable grout coat)	■ (with UV Stable topcoat)	■ (with UV Stable grout coat)	■ (with UV Stable topcoat)
	■ (with UV Stable topcoat)			■ (with UV Stable topcoat)		■ (with UV Stable topcoat)
	■			■		■
	■	■ (Light Duty with appropriate topcoat)	■	■		■
				■	■ (≥90 mils)	■
	■	■ (with appropriate topcoat)	■ (w/ UV Stable grout coat)	■	■	■
	■		■ (≤ Medium Duty)	■	■ (with UV Stable grout coat)	■
	■		■ (≤ Medium Duty)	■	■	■
	■		■ (≤ Medium Duty)	■	■	■
			■	■	■ (with full broadcast & grout coat)	■
	■	■	■	■	■	■
	■			■	■	■
	■			■ (≤ Moderate Duty)	■ (≥60 mils)	■ (≤ Moderate Duty)
	■		■	■	■	■
	■		■	■	■	■
	■		■	■	■	■
	■		■ (≤ Medium Duty)	■	■	■
	■		■	■	■	■
	■			■	■ (w/ topcoat)	■

**For more detailed information on our coating systems, please visit [smithpaints.com](http://smithpaints.com) in System Application Guides under the DOCUMENTS/SPECS/MAINTENANCE pull down menu**



Our broad range of products affords the contractor the ability to meet or exceed the requirements of nearly all typical floor coating needs in Commercial, Industrial, Institutional, Pharmaceutical, Retail and Residential traffic environments.



- High Build, 5-coat Epoxy Mortar systems
- Apply greater than 3/16"
- Accepts forklift & other heavy traffic next day
- Natural or ISC solid color (*Epoxy HD-100 system*) OR Color Quartz (*Epoxy HDQ-100 system*)
- Heavy traffic  $\leq 8$  hours (@ 72°F)
- High strength
- 2 Convenient kit sizes for repairs
- Durable – Impact & Abrasion Resistant



# Smith's Epoxy VCB

Smith's  
One Day Installation  
Garage Floor Coating

Paint Roller  
Application



FOR  
INDUSTRIAL  
USE ONLY!

**Fast-Cure, Waterborne Moisture Vapor  
Primer or Vinyl Chip Base Coat**

**Superior  
Adhesion**  
VS. POLYUREA PRIMERS  
Plus longer working time  
without sacrificing speed

**Low  
Odor**

**Fast  
Cure**  
RECOAT WITHIN 2-3 HOURS  
@ 72°F / 50% Humidity



## Primer / Base Coat

**Use as a solid color base coat for Vinyl Chip  
broadcast or as an MVT / Alkalinity suppression  
primer prior to resinous coating systems**

**Use over: • CONCRETE • WOOD**

- Fast Cure yet easy to use
- Low Odor during application
- Soap & Water clean-up while wet
- High Moisture & Alkalinity tolerance

**Moisture &  
Alkalinity  
Resistant**  
**THIRD PARTY TESTED**  
Passed ASTM E-96 & D7088  
Use for up to 5KMC / 15 lbs. / 90% RH

**OR**  
**Epoxu  
VCB<sup>3B</sup>**  
FAST-CURE, WATERBORNE  
BASE COAT FOR VINYL CHIP  
**Epoxu  
VCB<sup>46P</sup>**  
Fast-Cure, Waterborne,  
Solid Color Base Coat  
for Vinyl Chip Broadcast

**Available Color Packs:**

**Smith's  
WSC**  
Waterborne Solid Color Packs

**VCB<sup>46P</sup> Available Colors:**

5500 White 5585 Medium Gray 5510 Boulder 6515 Grayhawk

5500 White 5600 Black  
5510 Boulder 5570 Glacier Gray



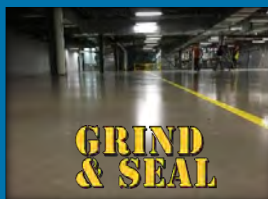
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Smith Paint Products set out to develop Polyaspartic products that were easier to apply than typical competitive Polyaspartics. Polyaspartic is the ideal choice when fast turn-around, U.V. stability and clarity are necessary.

Roller grade formulas are great for decorative broadcast floor coating systems where short waiting periods between coats and overnight return-to-service are desired.



## Roller Grade

Zero VOC  
Low Viscosity

POLYASPARTIC  
**1000**  
Gloss  
Fast Cure, Zero VOC, Low Viscosity

- Fast Cure
- Zero VOC's
- Low Viscosity
- 1:1 Mix Ratio
- 30 min. Pot-life  
(8 mils @ 72°F / 40% Humidity)
- Recoat in 2 to 3 hours  
(8 mils @ 72°F / 40% Humidity)

POLYASPARTIC  
**2000**  
Gloss  
Long Pot-Life, 76% Solids  
Low Viscosity, Roller Grade

- Regular Cure
- Zero VOC's
- Low Viscosity
- 1:1 Mix Ratio
- 45 min. Pot-life  
(8 mils @ 72°F / 40% Humidity)
- Recoat in 4 to 5 hours  
(8 mils @ 72°F / 40% Humidity)

Low Odor,  
High Solids,  
Medium Viscosity

POLYASPARTIC  
**5000**  
LOW ODOR  
86% Solids, Solvent-based, Regular Cure

- Regular Cure
- Higher Build  
(Up to 20 mils per lift)
- Better Leveling  
(10 to 20 mils)
- 2:1 Mix Ratio
- 25 min. Working Time  
(8 mils @ 72°F / 40% Humidity)



Low Odor,  
Low Viscosity

POLYASPARTIC  
**7000**  
LOW ODOR  
FAST CURE  
LOW ODOR

- Fast Cure
- Low Viscosity
- 1:1 Mix Ratio
- 35 min. Pot-life  
(8 mils @ 72°F / 40% Humidity)
- Recoat in 3 1/2 hours  
(8 mils @ 72°F / 40% Humidity)

POLYASPARTIC  
**8000**  
LOW ODOR  
FAST CURE  
LOW ODOR

- Regular Cure
- Low Viscosity
- 1:1 Mix Ratio
- 50 min. Working Time  
(8 mils @ 72°F / 40% Humidity)
- Recoat in 6 hours  
(8 mils @ 72°F / 40% Humidity)



## Optional Solid Color Packs

Smith's  
**ISC**  
COLOR PACK  
INDUSTRIAL SOLID COLORANT

For more detailed information, please click on product name for Hyperlink to website

Introducing:

# Smith's POLYASPARTIC

ALIPHATIC 2-COMPONENT

1A : 1B  
MIX RATIO



**Roller Grade**  
**Low Viscosity,**  
**Low Odor**

## •Non-Tainting

Does not risk food flavor contamination  
in food & beverage environments during application

**7000** **LO**  
**FAST**  
**CURE**  
**LOW**  
**POLYASPARTIC** **ODOR**

**Fast  
Cure**

RECOAT WITHIN 2.5 TO 3 HOURS  
@ 72°F / 50% Humidity  
with 30 min. Pot-Life

•Aliphatic - Ultra Violet Light Stable / Non-Yellowing  
- A clear film does not protect underlying non-U.V. Stable coatings from damage, discoloration, etc.

**POLYASPARTIC**  
**8000** **LO**  
**LOW**  
**ODOR**  
**REGULAR**  
**CURE**

**Regular  
Cure**

**60 min.  
Pot-Life**

•Under 250 g/L VOC's

longer than many  
competitors Polyaspartics  
when applied in similar conditions

Optional Solid Color Packs

Smith's For Solids Colors:  
**ISC** **COLOR PACK**  
INDUSTRIAL SOLID COLORANT



Formulated &  
Manufactured  
in Harrisburg, PA



# Smith's POLYURETHANE

Topcoats, Primer/Sealers, Membranes,  
Crack/Patch Filler, Joint Filler

## POLYURETHANE TOPCOATS

For more detailed information, please click on product name hyperlink

### HIGH TRAFFIC CRU - LOW SHEEN, LOW ODOR

CHEMICAL RESISTANT POLYURETHANE  
**HI-WEAR 90S**  
Low Sheen CRU Topcoat  
3-Component, High Traffic, Low Sheen Topcoat

- Low Odor, High Traffic CRU Formula
- Up to 2 hour working time (72°F/40% Humidity)
- Full traffic the following day
- Chemical Resistant to most Acids Caustics, Solvents, etc.



### ALIPHATIC CHEMICAL RESISTANT URETHANE TOPCOAT - HIGH GLOSS, 86% SOLIDS



- Low Odor, High Traffic CRU Formula
- Up to 2 hour working time (72°F/40% Humidity)
- Full traffic the following day
- Chemical Resistant to most Acids Caustics, Solvents, etc.
- Abrasion Resistant – Highly Durable
- Accepts Smith's ISC Color Packs

Chemical Resistant Polyurethane  
**CRU '86**  
High Gloss  
Aliphatic • Ready-to-Use • Low Odor

### ALIPHATIC MOISTURE-CURED URETHANE TOPCOAT - HIGH GLOSS, SOLVENT-BASED

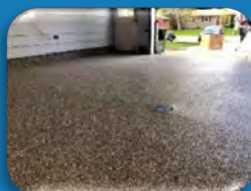
POLYURETHANE  
**MCU-60**  
Premium, High-Performance  
Moisture Cured Aliphatic Polyurethane

- High Solids, High Performance
- U.V. Resistant
- 30 minute working time (72°F/40% Humidity)
- Recoat in 4 to 5 hours (@72°F/40% Humidity)
- Chemical & Abrasion Resistant
- Light Reflective Gloss Finish
- Ready-to-Use Clear or tint with Smith's ISC Color Packs (Sold Separately)



### WATER-BASED 2-COMPONENT POLYURETHANE TOPCOAT

WATERBORNE  
POLYURETHANE TOPCOAT  
**Poly-WB+**  
Gloss or Low Sheen



- Durable & Chemical Resistant Sealer
- Clear or tint with Smith's WSC Waterborne Solid Color Packs (Sold Separately)
- Recoat up to 24 hours (72°F/40% Humidity)

- Low Odor & Low VOC
- 1-hour Pot-life with Good Working time (72°F/40% Humidity)
- Interior/Exterior use – U.V. Stable

### PRIMER FOR POLY-WB+ (DIRECT-TO-CONCRETE)

POLYURETHANE SEALER/PRIMER  
**Poly-SEAL+**  
Primer for Poly-WB+  
Direct-to-Concrete  
Waterborne Polyurethane/Acrylic Primer/Sealer  
Roll • Brush • Spray

- Use as a direct-to-concrete primer prior to installing Poly-WB+
- Seal coat for light commercial traffic Vinyl Chip systems prior to Smith's Poly-WB+
- Add Smith's WSC color packs for solid color

### FLEXIBLE MEMBRANE - SELF-LEVELING RESURFACER

POLYURETHANE  
**Poly-FLEX**  
Suppresses up to 15 lbs. & 90% RH  
2-Component, Polyurethane Self-Leveling Resurfacer

- Self-Leveling from 30 to 500 mils
- Low Odor, 100% Solids Polyurethane
- Flexible yet Rigid
- Suppresses up to 15 lbs. & 90% RH
- 20-minute Flow Time (72°F/40% Humidity)
- Recoat in 4-5 hours (72°F/40% Humidity)



### PATCH & CRACK FILLER

RAPID CURING

POLY  
**PCF45**  
Rapid Cure, Ultra Low Viscosity  
2-Component Polyurethane

LIGHT GRAY, CREAMY  
POLYURETHANE  
**SKM**  
Fast Cure, 2-Component, 100% Solids  
Creamy Smooth Consistency Skin-coat

### JOINT FILLER

POUR GRADE, SELF-LEVELING

Smith's Semi-Rigid  
Joint Filler  
**PolyJF**  
100% Solids  
Polyurethane

Smith's Polyurethane Joint Filler  
**PolyJF/FC**  
FAST-CURE  
SEMI-RIGID  
100% SOLIDS





# Smith's CPR

**Cementitious  
Polyurethane  
Resurfacer  
Mortar Series**

Smith's CPR Cementitious Polyurethane Resurfacer are 3-component, mortar mix products used to resurface & protect floors susceptible to Thermal Shock as well as water erosion. Smith's CPR products are Castor Oil based with good antibacterial properties & work well in constant damp conditions, such as food processing environments, car washes, & floors with slightly elevated moisture emission levels up to 4% MC, 90% Relative Humidity & up to 10 lbs. as well as new concrete (≥10 days old).



*Smith's* **Sold Separately**  
**Dry Pigment Packs**  
INTEGRAL COLOR POWDER PIGMENT

For more detailed information,  
please click on product Hyperlink  
to website

*Smith's* **Cementitious  
Polyurethane Resurfacer**  
**CPR-HD**  
Heavy-Duty  
Trowel Grade  
Mortar

- Great for repetitive wash down areas & damp environments
- Resists Impact & Abrasion from Castors / Pallet Jacks / Forklift Traffic
- Apply from 1/4" to 1/2" thick
- Chemical Resistant to most - Acids, Bases, Solvents, Alcohols & Sanitizers
- High Thermal Shock Resistance – Approved for Service Temperatures -330°F to +250°F

*Smith's* **Cementitious  
Polyurethane Resurfacer**  
**CPR-MID**  
MODERATE-DUTY  
FLOWABLE RAKE & TROWEL

- Great for repetitive wash down areas & damp environments
- Accepts broadcast media
- Durable - Resists - Impact / Abrasion / Wheeled Traffic
- Apply 3/16" to 1/2" thick
- Chemical Resistant to most - Acids, Bases, Solvents, Alcohols & Sanitizers
- Thermal Shock Resistant – Approved for Service Temperatures -100°F to +230°F

*Smith's* **Cementitious  
Polyurethane Resurfacer**  
**CPR-SL**  
SELF-LEVELING  
MEDIUM-DUTY

- Ideal for repetitive wash down & damp environments
- Accepts broadcast media
- Durable - Resists Abrasion & Impact
- Apply from 3/16" to 3/8" thick
- Chemical Resistant to most - Acids, Bases, Solvents, Alcohols & Sanitizers
- Thermal Shock Resistant – Approved for Service Temperatures -50°F to +200°F



# SOLID COLOR PACKS

**Smith's**  
**ISC COLOR PACK**  
INDUSTRIAL SOLID COLORANT  
FOR USE IN 100% SOLIDS EPOXY,  
SOLVENT-BASED POLYURETHANES  
& POLYASPARTICS

FOR USE IN: **Smith's**  
**WSC**

**FW38** 38% Solids  
**VCB** 38% Solids  
**SEAL+**  
**Poly-SEAL+**  
**Poly-WB+**  
WATERBORNE POLYURETHANE  
TOPCOAT

**Smith's**  
**Dry Pigment Packs**  
INTEGRAL COLOR POWDER PIGMENT  
FOR USE IN: **CPR**

## DECORATIVE SYSTEMS



The popularity of resinous metallic floor coatings has sky rocketed in recent years, due in large part to the stunning & unique appearance coupled with ease of maintenance & durability.

Smith's offers Metallic & Luster in a traditional Epoxy based system with a Polyurethane topcoat to improve abrasion, chemical & stain resistance as well as a fast curing & U.V. Stable Polyaspartic system. Both system types afford applicators a variety of color combinations to achieve ideal mottling flow for exquisite aesthetics.

**Smith's**  
**DOUBLE BROADCAST - 1/8" THICK**  
**COLOR QUARTZ**

**Smith's**  
**EPOXY** 5-COAT COLOR QUARTZ  
EPOXY MORTAR SYSTEM  
**HDQ-100**  
COLOR QUARTZ CHEMICAL RESISTANT  
EPOXY POWER-TROWEL MORTAR SYSTEM

Smith's Color Quartz systems are highly durable yet decorative, seamless 1/8" to 1/2" finished thickness floor coating with optional seamless cove systems which can be utilized with different resinous product matrix' to suspend the Quartz. Systems range from double broadcast Epoxy or Polyaspartic to Cementitious Urethane, Poly-FLEX & trowel applied Epoxy based mortar systems as well as seamless cove base.

Various textures may be achieved depending on how smooth or textured of a surface is desired.



Smith's Vinyl Chip Systems yield a decorative, seamless resinous floor coating system ideal for retail, commercial, schools, offices, Medical & Veterinary, Kennels, as well as Residential applications, both interior or \*exterior (when utilizing a Polyaspartic system).

Systems allow for varying amounts of broadcast ranging from random to full into different base coatings depending on the return-to-service, U.V. stability, traffic/service exposure and acceptable odor at the time of application. Broadcast into Epoxy, Polyaspartic, Poly-FLEX or CPR Cementitious Polyurethane Resurfacers.



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