



Learn how  
you can add  
color, color & more color  
to your world with  
products from  
Prime Sealants



**20 Cementitious  
Dyes**

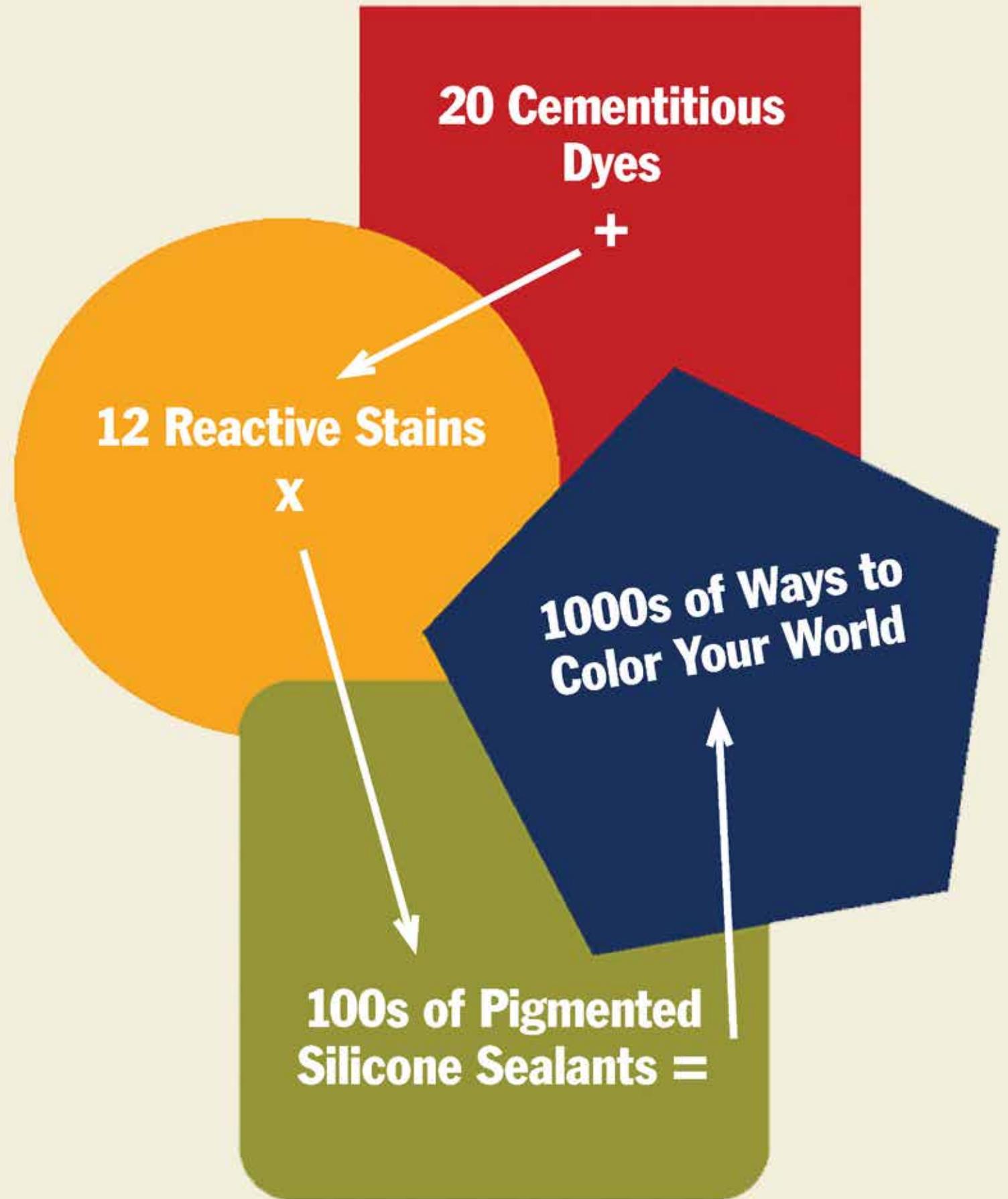
**+**

**12 Reactive Stains**

**x**

**1000s of Ways to  
Color Your World**

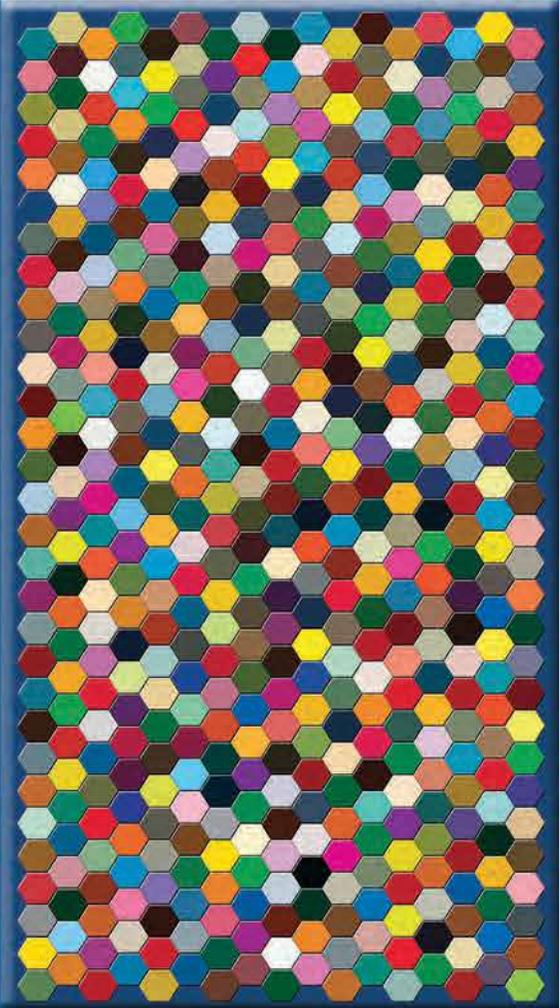
**100s of Pigmented  
Silicone Sealants =**





**Step #1:  
Start with  
Prime Colors-AX  
Pigmented  
Silicone Sealants**

Prime Colors-AX pigmented sealants are elastic, single-component, neutral-curing, general purpose, acetoxy-based silicone sealants designed for use in a wide range of everyday applications. They are available in over 500 colors and can be used to mix and match with our Gemstone reactive stains and Gourmet concrete dyes. You now have the option of matching the paint colors of your choice with a high-quality sealant at surprisingly affordable prices and in modest quantities. Go where your imagination leads you. The days of plain vanilla sealants are over. Welcome to the colorful world of Prime Colors-AX pigmented silicone sealants.



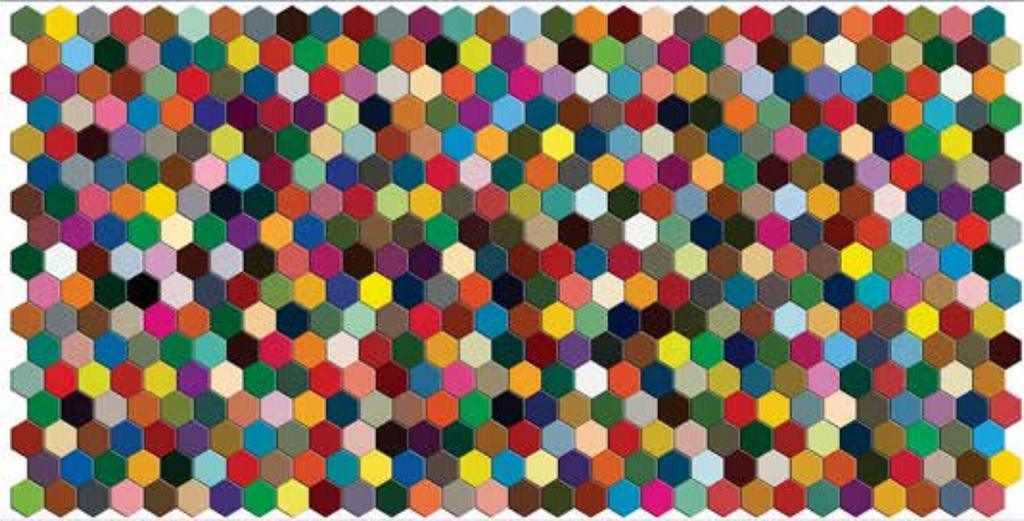
- Beryl (RS) RAL 1021
- Peridot (RS) RAL 6018
- Jourmaline (RS) RAL 3001
- Citrine (RS) RAL 8001
- Topaz (RS) RAL 8028
- Jade (RS) RAL 6021
- Aquamarine (RS) RAL 6034
- Amber (RS) RAL 3011
- Onyx (RS) RAL 9005
- Emerald (RS) RAL 6003
- Agate (RS) RAL 3004
- Garnet (RS) RAL 8012
- Blackberry (CD) RAL 9004
- Lemon (CD) RAL 1006
- Clove (CD) RAL 8017

- Asparagus (CD) RAL 6002
- Apricot (TD) RAL 8003
- Spinach (CD) RAL 6020
- Blueberry (CD) RAL 5022
- Eggplant (CD) RAL 4007
- Plum (TD) RAL 4005
- Cinnamon (TD) RAL 8011
- Artichoke (CD) RAL 6013
- Pomegranate (CD) RAL 8003
- Tuffie (CD) RAL 7022
- Persimmon (TD) RAL 3012
- Pumpkin (CD) RAL 8002
- Cocoa (TD) RAL 8007
- Ganberry (TD) RAL 3000
- Hazelnut (TD) RAL 8014



# PRIME COLORS-AX

— Premium-quality pigmented silicone sealant available in colors to match your every need —



## PRODUCT DESCRIPTION:

Turn to **Prime Colors-AX** pigmented silicone sealants to create countless options for bringing color to your living and work environments. Choose a color to match or contrast one of our **Prime Gemstone** line of 12 colored reactive stains for indoor and outdoor concrete or one of our **Prime Gourmet** line of 20 colored cementitious dyes for indoor concrete. With 500+ RAL colors to choose from, you can find just the right color you need for the most demanding of applications.

**Prime Colors-AX** sealants are elastic, acetexy-based, neutral-curing, single-component silicone sealants ideal for sealing joints with a maximum movement capacity of 25 percent. **Prime Colors-AX** sealants comply with requirements of ISO 1160 and are suitable for sealing joints and connecting joints in sanitary, glass, window and metal construction applications. They are also suitable for use with concrete and similar cementitious materials.



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Web: [www.primesealants.com](http://www.primesealants.com)

### Available Sizes:

10.5 OZ./310 ML tubes  
13.5 OZ./400 ML sausages  
22.3 OZ./600 ML sausages  
Other package sizes  
available on request

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Product Information Sheet – **PRIME COLORS-AX PIGMENTED SEALANTS** – Revised 20 November 2015



# PRIME COLORS-AX™

— PREMIUM-QUALITY PIGMENTED SILICONE SEALANTS TO MATCH YOUR EVERY NEED —

**P** **Prime Colors-AX** sealants are a unique line of pigmented, neutral-curing, multi-use silicone gunnable sealants available in 30 standard colors and, on a special order basis, in over 500 colors. Add color to your home or work environment with **Prime Colors-AX** sealants. When working with concrete surfaces, add still more color to your environment with **Prime Gemstone** reactive stains for indoor and outdoor use and **Prime Gourmet** cementitious dyes for indoor use. Like all products from **Prime Sealants**, **Prime Colors-AX** sealants are “Best in Class Problem Solvers.”

## Special Properties

- ✧ Elastic silicone-based sealants
- ✧ Especially stiff body for optimized tooling properties
- ✧ Weather-resistant
- ✧ Aging-resistant
- ✧ Good UV resistance
- ✧ Compatible with paints
- ✧ Excellent adhesion on glass, glazed surfaces (such as enamel and tiles) and anodized aluminum
- ✧ Available in 30 standard colors
- ✧ Available in over 500 RAL colors on a special-order basis
- ✧ Compatible with paints

## Fields of Application

- ✧ Sealing joints and connecting joints in glass, window and metal construction.
- ✧ Sealing joints and connecting joints in the sanitary sector.
- ✧ Sealing joints and connecting joints in various other construction applications.
- ✧ Not suitable for use with plastics.
- ✧ In underwater applications, especially accurate tooling is required, involving preparation of the substrate and, often, the use of a primer.
- ✧ Underwater joints must be checked in regular time intervals and may need to be reworked as necessary.
- ✧ Not suitable for use in aquarium construction, nor on marble or natural stone.
- ✧ Not suitable as a mirror adhesive.
- ✧ Must not be used in areas that come into direct contact with food.

## Yield

One 10.5 ounce tube (310 ML) of **Prime Colors-AX** is sufficient for completing approximately 39.4 feet (12 meters) of joints measuring .2 inches x .2 inches (5 MM x 5 MM) or approximately 7.4 feet (2.25 meters) of joints measuring .4 inches x .4 inches (10 MM x 10 MM).

## Colors & Packaging

**Prime Colors-AX** sealants come in 30 standard colors (see attached color chart) and are available in over 500 RAL colors on a special order basis. They are available in 10.5 ounce (310 ml) cartridges, packed in cases of 20 tubes. They are also available in 400 ML and 600 ML “sausages” and in other sizes of packaging on a special order basis.

## Application Information

**SUBSTRATE PRETREATMENT:** The substrate must be dry, firm, and free of dust and grease (clean with isopropanol, if necessary). Porous substrates (e.g. concrete, plasterboard and untreated wood) must be primed. Before primer application, remove

any cement slurry, mold release agents or impregnations. In renovation projects, old sealant, remains of paint and loose material must be fully removed. On coated substrates (paints, lacquers), compatibility to the sealant must be tested.

The joint must always be provided with a suitable, correctly dimensioned joint backing (e.g. PE cord, rock wool) to prevent adhesion on three faces. To avoid contamination and to achieve a precise joint, we recommend masking the joint edges with adhesive tape before primer application and filling.

**JOINT DIMENSIONS:** Joint dimensions should be at least .2 inches x .2 inches (5 MM x 5 MM) for indoor and .4 inches x 3.2 inches (10 MM x 8 MM) [width x depth] for outdoor applications. With increasing joint width (up to 1.2 inches [30 MM]), joint depth should be roughly half the joint width. Make sure that triangular bevels have uniform sides of equal length with at least .3 inches (7 MM) bonding surface on each side.

**TOOLING:** After applying **Prime Colors-AX** sealants with a suitable manual, battery-powered or pneumatic caulking gun, the sealant can be smoothed in the joint with water or with a neutral, non-staining waterbased smoothing agent and a suitable tool (e.g. jointing trowel). Smoothing is not only recommended for optical reasons, but also because it establishes close contact and good adhesion to the substrate. Remove excess smoothing agent. Any adhesive tape used should be removed immediately after smoothing.

**IMPORTANT INFORMATION:** The function of the sealant can only be guaranteed if it is correctly applied in full accordance with the technical recommendations given in this data sheet and in related standards. Sealant application in situations with strongly fluctuating temperatures (which may cause premature stressing of the sealant) must be avoided.

**Prime Colors-AX** sealants are compatible with many paints and lacquers. Owing to the large number of different coating systems on the market, however, we recommend that you conduct your own tests concerning adhesion and compatibility prior to application. The sealant itself is not overpaintable. Acetic acid is released in small amounts during curing, which may lead to corrosion on sensitive metals such as copper, zinc coated metals, iron, steel (depending on the quality of the steel) and others. **Prime Colors-AX** sealants are neutral curing and, as such, may be safely used on alkaline substrates such as concrete and grout.

When **Prime Colors-AX** sealants come into contact with bituminous, tar- or plasticizer-releasing substrates (such as EPDM, neoprene and butyl), discolouration and/or loss of

adhesion may occur.

Good ventilation must be provided during application and curing to allow curing by-products to evaporate. Low temperatures, low humidities and joint depths above 15 MM can retard skin formation and curing significantly.

Exposure to liquid (e.g. acid-based cleaning agents, strongly colored liquids) or gaseous chemicals (e.g. tobacco smoke) for longer periods can result in discoloration of the product, especially for light colors (white). In general, the mechanical properties of the sealant are not adversely affected.

It is essential to keep the joint clean, dry and free from substances that may serve as a nutrition medium (such as soap residues and skin scales).

### Technical Data (Metric)

Density (DIN EN ISO 2811-1)	1.03 ± 0.04 g/cm <sup>3</sup>
Skin Forming Time (23° C/50% r.h)	Approximately 15 minutes
Penetration (DIN 51579 / 5 seconds)	125 ± 30 1/10 MM
Slump (in accordance with ASTM 2202)	≤ 2 mm
Shore A Hardness (DIN 53505, 28 d)	20 ± 5 units
Tensile Modulus (DIN EN ISO 8339-A, 100%)	Approximately 0.5 N/MM <sup>2</sup>
Maximum Movement Tolerance	25%
Volume Loss (DIN EN ISO 10563)	Maximum 5%
Application Temperature (sealant & substrate)	+5° C to +35° C
Temperature Stability Range (fully-cured sealant)	-25° C to +80°C
Shelf Life (originally closed packaging)	12 months (+5° C to +35° C)

Rate of curing depends on temperature, humidity and substrate absorbency. The data given refer to tests at standard conditions (73° F [23° C] / 50 percent relative humidity). Under these conditions, a 3/8 inch x 3/8 inch (10 MM x 10 MM) joint will cure in approximately 14 days (with at least one substrate being absorbent). Low temperature, high humidity and joint depth above 1/16 inches (15 MM) will retard skin formation and curing significantly.

Data given were determined shortly after production, and may slightly vary with increasing

age of product and for different colors. They are not meant for specification purposes.

**For safety data, see Safety Data Sheet.** *Take all preventive measures specified in the Safety Data Sheet and in the hazard markings to prevent accidents and protect health.*

## **Warranty**

**Prime Sealants** warrants that at the time and place we make shipment, our material will be of good quality and will conform without published specifications in force on the date of acceptance of the order.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. **Prime Sealants** cannot, under any circumstances, make any guarantee of results or assume any obligation or liability in connection with the use of this information. As **Prime Sealants** has no control over the use to which others may put its products, it is recommended that the products be tested to determine if suitable for specific application and /or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine suitable products for specific application and assume all responsibilities in connection therewith.

Each new release of this product information sheet supersedes the previous one.

*For more information, contact:*

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**Step #2:  
Investigate  
your color options with  
Prime Gemstone  
Reactive Acid Stains &  
Prime Gourmet  
Cementitious Dyes**

# PRIME GEMSTONE STAINS

— Twelve translucent colors to enhance new & existing interior & exterior concrete —



## PRODUCT DESCRIPTION:

Create one-of-a-kind looks with **Prime Gemstone Stains**. They provide a variegated finish to the concrete and can be used on either new or existing concrete. They can be used for both interior and exterior applications. **Prime Gemstone Stains** chemically react with the concrete and permanently change its color.

## BENEFITS:

- V.O.C. compliant • Add permanent color • Long lasting • Economical • Easy to maintain
- Can be used both indoors & outdoors • Can be combined with **Prime Colors-AX** pigmented silicone sealants & **Prime Gourmet Dyes** to create a vast palette of colors

## WHERE TO USE:

- Interiors & exteriors • Old & new concrete • Polished concrete • Horizontal & vertical surfaces • Patios • Auditoriums • Walls • Floors



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## Available Sizes:

- 1-quart bottles
- 1-gallon jugs
- 5-gallon pails
- 55-gallon drums
- 275-gallon totes

# Add Color to Your Concrete Stain it to Match Your Syle

## Prime Gemstone Reactive Acid Stains

Choose from 12 sylish outdoor/indoor colors from our Gemstone line of reactive acid stains



Beryl



Peridot



Jade



Agate



Tourmaline



Emerald



Aquamarine



Amber



Citrine



Topaz



Onyx



Garnet



# PRIME GOURMET DYES

— A collection of 20 vibrant natural colors to bring color & vitality to any indoor environment —



## PRODUCT DESCRIPTION:

**Prime Gourmet Dyes** are part of a unique, non-reactive coloring system for decorative concrete, with 20 rich colors to choose from. **Prime Gourmet Dyes** are designed for indoor use only. They are simple to apply and dry quickly—within 20 minutes of application. Best results come when you apply the using a hand-pump sprayer and a micro fiber mop. **Prime Gourmet Dyes** can be easily matched with **Prime Gemstone Stains** and **Prime Colors-AX** pigmented multipurpose silicone sealants to add coordinated, select shades to your color scheme.

## BENEFITS:

- Simple to apply
- Quick drying
- Non-hazardous shipping
- Economical
- Easy to maintain
- Can be combined with **Prime Sil-i-Tone** pigmented silicone sealants & **Prime Gemstone Stains** to create a vast palette of colors

## WHERE TO USE:

- Interiors only
- Old & new concrete
- Polished concrete
- Horizontal & vertical surfaces
- Auditoriums
- Walls
- Floors



## FOR MORE INFORMATION, CONTACT US AT:

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## Available Sizes:

- 1-quart bottles
- 1-gallon jugs
- 5-gallon pails
- 55-gallon drums
- 275-gallon totes

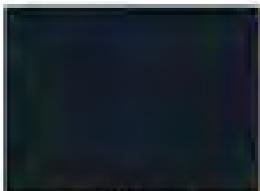
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Product Information Sheet – **PRIME GOURMET DYES** – Revised 4 December 2015

# Add Color to Your Concrete Dye it to Match Your Taste

## Prime Gourmet Cementitious Dyes

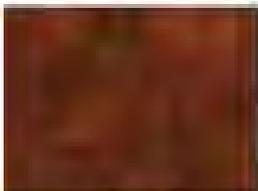
Choose from 20 elegant colors from our Gourmet line of cementitious dyes. They have been specifically designed to provide indoor color for concrete and similar surfaces. These dyes pair perfectly with Prime Sil-i-Tone AX pigmented silicone sealants.



Blackberry



Lemon



Clove



Artichoke



Asparagus



Apricot



Spinach



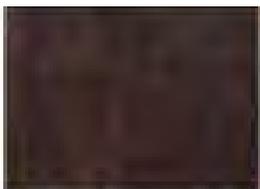
Tomato



Blueberry



Eggplant



Plum



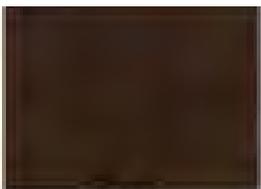
Cocoa



Cinnamon



Pomegranate



Truffel



Walnut



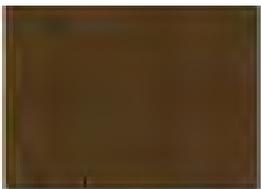
Persimmon



Pumpkin



Shallot



Hazelnut

*For more information please contact:*



*Best in Class*

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