



TECHNICAL DATA SHEET

SMITH'S STAINS

PRODUCT DESCRIPTION

Smith's Stains are water-based, extra-strength stains developed to give a decorative natural appearance to concrete floors and other porous mediums.

STANDARD COLORS: White, Natural, Antique Grey, Grey, Black, Ocean Blue, Patina, Moss Green, Olive Green, Deep Aqua Green, Yellow Ochre, Sandstone, Pottery, Mauve, Terra Cotta, Mars Red, Desert Sand, Light Adobe, Dark Adobe, Bark Brown, and Dark Chocolate

OTHER COLORS ALSO AVAILABLE: White, Natural, Antique Grey, Grey, Black, Ocean Blue, Patina, Moss Green, Olive Green, Deep Aqua Green, Yellow Ochre, Sandstone, Pottery, Mauve, Terra Cotta, Mars Red, Desert Sand, Light Adobe, Dark Adobe, Bark Brown, and Dark Chocolate

REVISION DATE: July 29, 2021

CURE SCHEDULE (75°)

POT LIFE: 3 months

TACK FREE (DRY TO TOUCH): 15-20 mins.

RECOAT OR TOPCOAT: 0-24 hrs.

LIGHT FOOT TRAFFIC: 15-20 mins.

FULL CURE: 24 hrs.

COVERAGE

Recommended for use on interior and exterior concrete, brick, plaster and natural stone.

COVERAGE PER GALLON: 1,000-1,600 sq. ft. per gal of diluted material

MIX RATIO: 1-10 parts water per material

RECOMMENDED FILM THICKNESS: <1 mil

PACKAGING INFORMATION: Quart bottles

PHYSICAL PROPERTIES

FLEXURAL STRENGTH: N/A
COMPRESSIVE STRENGTH: N/A
TENSILE STRENGTH: N/A
ADHESION: N/A
VISCOSITY: N/A
ABRASION RESISTANCE: N/A
ULTIMATE ELONGATION: N/A
HARDNESS: N/A
VOLATILE ORGANIC CONTENT:

	Note: V.O.C. varies with color	Calculated EPA method 24	Per Actual Gallon
As supplied	lbs/gal	1.19-1.4	.43-.45
	g/l	142.6-164.5	50.9-54
Diluted Stain	lbs/gal	1.19-1.4	.083-.088
	g/l	142.6-164.5	9.97-10.5

SHELF LIFE: 2 years in opened containers, 4 years in unopened containers

CHEMICAL RESISTANCE

Exposure	Concentrate	Dilute (10%)
Acids	Good	Excellent
Alkalis	Excellent	Excellent
Solvents		
Aliphatic	Good	Good
Aromatic	Good	Good
Ketones	Poor	Poor
Salt	Excellent	Excellent
Water	Excellent	Excellent



TECHNICAL DATA SHEET

SMITH'S STAINS

LIMITATIONS

- Not compatible with Methyl Methacrylate or penetrating (e.g. sodium silicate) sealers
- Not recommended for non-porous substrates (e.g. metal, resin, fiberglass) when submerged in water or exposed to severe weather conditions
- Do not use an acid etch as a prepping method when going straight to concrete
- Allow a 24 hour drying period before applying a clear sealer over stain

BENEFITS

- Compatible with neutralized acid-based stains
- Compatible with overlays, as a topical stain and as integral color
- Low Odor
- Fast Air Dry
- Low VOC
- Interior and Exterior application

INSTRUCTIONS

- 1) Shake bottle to premix
- 2) Combine material and desired amount of water
- 3) Stir
- 4) Use desired application method

NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY:

The Concrete Protector (Division of Incredible Products, LLC), warrants that all products are assembled under rigorous quality assurance specifications and that all information supplied is exact. All information supplied is not to be taken as a warranty, but for you to conduct your own test to determine if the given product is suitable for your distinct purpose. The following list of properties should not be interpreted as specifications. CONVEYED OR SUGGESTED, NO WARRANTY IS BUILT UPON ANY DISCOVERED RESULTS OR INFORMATION YOU WILL OBTAIN DURING USE. CONVEYED OR SUGGESTED NO WARRANTY IS BUILT THAT THE GIVEN PRODUCT SHALL BE MARKETABLE OR THAT THE GIVEN PRODUCT WILL BE FIT FOR ANY DISTINCT PURPOSE. NO WARRANT IS BUILT UPON SAID INFORMATION OR THAT THE GIVEN PRODUCT WILL NOT INFRINGE UPON ANY PATENT. The Concrete Protector is NOT liable for, direct or indirect, inadvertent or consequential damages. The Concrete Protector's liability is and will only be limited to the net selling price of our products or, at our discretion, the replacement of our products. Upon delivery of our products, your acceptance means that you accept all terms of this warranty even if other documents and or purchase orders astray from the terms of this warranty. No representative, on our behalf, is permitted to make any representation, warranty, or assume liability with any sale of our products. OUR PRODUCTS CONTAIN CHEMICALS THAT CAN CAUSE SERIOUS PHYSICAL INJURY. BEFORE THE USE OF OUR PRODUCTS, READ ALL MATERIAL AND FOLLOW ALL LISTED PRECAUTIONS TO AVOID ANY BODILY HARM