



# 4010 Waterborne Epoxy Primer/Sealer Technical Data Sheet

## PRODUCT DESCRIPTION

4010 is a low VOC waterborne pigmented epoxy sealer designed for use over concrete. The Waterborne Epoxy utilizes a cross-linking technology that allows it to breathe out moisture emissions found on high MVT slabs. 4010 Epoxy is used as a chip receiver coat as well as a final coat for monolithic floors. Due to its waterborne technology, the epoxy Color Seal is very user friendly and can be used in most areas. 4010 Pigmented Epoxy will provide the look and much of the performance typically found in 100% solids Concrete Floor Epoxy Coating System while also remaining a breathable low odor Epoxy Flooring.

## COMPOSITION

Special proprietary blend of epoxy, wetting agents, adhesion promoters and other additives.

## ADVANTAGES

- Low odor water-based epoxy
- Use as a standalone pigmented epoxy floor sealer
- MVE tolerant
- Provides a solid color sealed finish to concrete floors
- Bonds to damp concrete floor surfaces
- Cures under cool or wet conditions
- 64% Solids, <50g/L VOC
- Low odor waterbased epoxy

## LIMITATIONS

- Will not bridge cracking
- Yellows under U.V. lighting

## AREAS OF USE

- Garage Floors
- Industrial Floors
- Any Concrete Floor
- Previously Coated Floors

## COLORS AND FINISH

- 5 Standard Colors
- Smooth High Gloss Film

## RECOMMENDED COVERAGE RATES

<u>Over Surface</u>	<u>First Coat</u>	<u>Second Coat</u>
Concrete	250 SF/gal	300 SF/gal

## PACKAGING

- 1.5-Gallons Unitized Kit
- Available in 15-Gallons Bulk Kit

## AVAILABILITY AND COST

VBP Products are supplied direct and all prices, install guides, etc. are viewable online at [www.versatile.net](http://www.versatile.net)

## TECHNICAL PROPERTIES

Volumetric Mix Ratio (A:B)	2:1
% Solids	64 %
VOC	<50 g/L
Pot Life(75°F 1 gal mass)	60 mins
Cure Time	
Dry to Touch	4-8 hours
Recoat Window	Within 6 hours
Full Cure	5-7 days
Pencil Hardness (ASTM D3363)	H-2H
Adhesion (ACI 503R)	350 p.s.i (100% concrete failure)
Abrasion Resistance (ASTM D4060)	62mg lost
Flammability	Self-extinguishing Over concrete

## Chemical Resistance

Acetone	No Effect
Xylene	No Effect
10% HCl	Discolored
Ammonia	No Effect
Skydrol	No Effect
Vinegar	Faint Spotting
Degreaser	No Effect
Liquid Plumr	No Effect
Clorox	No Effect
Windex	No Effect
Motor Oil	No Effect
Gasoline	No Effect
Hot Tires	No Effect



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#### TEMPERATURE

Product was tested at ambient temperature (75°F - 77°F). Results WILL vary when product is used at temperatures different from testing temperature. The pot life, gel time, and cure time is generally longer for colder temperature applications, and shorter for higher temperature applications. Physical properties are also impacted and dependent upon temperature.

#### INSTALLATION

Refer to manufacturers detailed System Installation Guide.

#### MAINTENANCE

Maintain the protective topcoat or subsequent layer to prevent damage of the 4010. If the 4010 is damaged, it can be repaired by sanding the surface, cleaning and then recoating the area with same materials.

#### DISCLAIMER

All information provided in this technical data sheet is based on laboratory data. It is the responsibility of the customer to test the material for their application and conditions prior to using the product.

#### SLIP RESISTANCE

OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip-resistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. Versatile Building Products Inc. recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. Versatile Building Products Inc. or its sales agents will not be responsible for injury incurred in a slip and fall accident.

#### WARRANTY

Versatile Building Products Inc guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. Versatile Building Products Inc (herein referred to as "seller") makes no warranty, expressed or implied, regarding the use of its products. Since use of this product is beyond the seller's control, the buyer assumes all risk of use. Seller's obligation shall be to replace material if found defective. Seller shall not be liable for any damage, injury, loss, direct or consequential, resulting from the use of its products. End user must determine if substrate is suitable for coating application before installing.

#### TECHNICAL SERVICES

Technical services can be obtained by contacting VBP direct at 714-829-2600.