



SPEC DATA SHEET

4150 Vapor Stop Pigmented Primer/Sealer

PRODUCT DESCRIPTION

Versatile Building Products 4150 is a 98% solids epoxy pigmented primer/sealer designed for use over concrete floors to eliminate moisture vapor emissions, odor and increase adhesion of subsequently applied systems. 4150 develops strong bond strength to concrete floor surfaces, even under cool, wet or damp conditions. 4150 is typically used as a primer for slurry, mortar, and coating systems. It may also be used as a vapor reduction and odor barrier beneath carpet, VCT, and ceramic tile. 4150 can be used to produce slurries and mortars for patching and repairing substrates. 4150 can be used as a standalone sealer over concrete floor surfaces.

COMPOSITION

Special proprietary blend of 100% solids epoxy, wetting agents, adhesion promoters and other additives.

ADVANTAGES

- Bonds to damp surfaces
- Cures under cool conditions
- 100% Solids, 28 VOC
- Low odor

LIMITATIONS

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

AREAS OF USE

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

COLORS

4 Standard Colors

PACKAGING and COVERAGE

4150 250-400 ft²/Kit
Packaged in 1.5-Gallon Unitized Kit

FINISHES

Smooth High Gloss Film

AVAILABILITY AND COST

VBP Products are supplied direct and all prices, install guides, etc are viewable online at www.garagecoatings.com.

INSTALLATION

Refer to manufacturers detailed System Installation Guide.

MAINTENANCE

Maintain 4150 to a minimum thickness of 4 mils. If the 4150 is damaged, it can be repaired by sanding the surface, cleaning and then recoating the area with same materials.

TECHNICAL SERVICES

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

TECHNICAL DATA Properties

Volumetric Mix Ratio A:B	2:1
Volumetric Solids	96%
Weight Solids	98%
VOC (Volatile Organic Compounds)	28 g/L
Pot Life 1 Quart Mass, 77F, Gel Time	~60min
Cure Time	Dry to Touch 4-8 Hours Recoat 6-10 Hours Full Cure 7 Days
Gel Time (hours)	2.75
Through Cure (hours)	12
Tensile Strength (ASTM D 638)	8,600p.s.i.
Flexural Strength	12,200p.s.i.

(ASTM D 790)

Compressive Strength 10,800p.s.i.
(ASTM D 695)
Properties (continued)

Pencil Hardness H-2H
(ASTM D 2240)

Adhesion 350p.s.i.
(ACI 503R) (100% Concrete failure)

Permeance 0.054 perms
(ASTM E96)

Flammability Self extinguishing
over concrete

Chemical Resistance

Acetone	No Effect
Xylene	No Effect
10% Hydrochloric Acid	Spotting
Ammonia	No Effect
Degreaser	Faint Spotting
Liquid Plummer	Faint Spotting
Vinegar	Faint Spotting
Clorox	Faint Spotting
Windex	No Effect
Motor Oil	No Effect
Gasoline	No Effect
Skydrol	Faint Spotting
Hot Tire	No Yellowing

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 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 or its sales agents will not be responsible for injury incurred in a slip and fall accident.

Warranty

Versatile Building Products 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 (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.