



SPEC DATA SHEET

4100 EPOXY PRIMER

PRODUCT DESCRIPTION

Versatile Building Products 4100 PRIMER is a 100% solids epoxy clear sealer designed for use over concrete to eliminate moisture vapor emissions and increase adhesion of subsequently applied systems. 4100 EPOXY PRIMER develops strong bond strength to concrete, even under cool, damp conditions. 4100 EPOXY PRIMER 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. 4100 EPOXY PRIMER can be used to produce slurries and mortars for patching and repairing substrates. 4100 EPOXY PRIMER can be used as a stand alone sealer.

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, Zero VOC
- Low odor
- May be used as a “Wet Look” Sealer

LIMITATIONS

- Will not bridge cracking
- Yellows under U.V. lighting
- Requires minimum temperature of 45F and 5F over dew point during installation and initial cure cycle.

AREAS OF USE

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

COLORS

Clear

PACKAGING and COVERAGE

4100 PRIMER 250-400 ft²/Kit
Packaged in 1.5-Gallon Unitized Kit

FINISHES

Smooth High Gloss Film

AVAILABILITY AND COST

Versatile Building Products are supplied through building material dealers. Prices vary with quantity and packaging. Quotations are made on request.

INSTALLATION

Refer to manufacturers detailed System Installation Guide.

MAINTENANCE

Maintain the protective topcoat or subsequent layer to prevent damage of the 4100. If the 4100 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 310-632-6500 or 800-535-3325.

TECHNICAL DATA

Properties

Volumetric Mix Ratio A:B	2:1
Volumetric Solids	100%
Weight Solids	100%
VOC (Volatile Organic Compounds)	0g/L
Pot Life	1 Quart Mass, 77F, Gel Time ~30min
Cure Time	Dry to Touch 4-8 Hours Recoat 6-10 Hours Full Cure 7 Days
Tensile Strength (ASTM D 638)	8,600p.s.i.
Flexural Strength (ASTM D 790)	12,200p.s.i.
Compressive Strength (ASTM D 695)	10,800p.s.i.

Properties (continued)

Hardness, Shore D (ASTM D 2240)	79
Adhesion (ACI 503R)	350p.s.i. (100% Concrete failure)
Flammability	Self extinguishing over concrete
Chemical Resistance	Consult Rep.

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. Sellers 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.