



SPEC DATA SHEET

4800 EPOXY SEALER

PRODUCT DESCRIPTION

Versatile Building Products 4800 STANDARD EPOXY TOPCOAT is a general use 100% solids clear and pigmented topcoat resin that exhibits good chemical and wear resistance. 4800 STANDARD EPOXY TOPCOAT is primarily used as a concrete topcoat or system topcoat in decorative, commercial, and industrial applications requiring low odor installation and specific chemical resistance.

COMPOSITION

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

ADVANTAGES

- 100% Solids, Zero VOC
- Low odor
- High gloss
- Good resistance to most chemicals

LIMITATIONS

- Requires moisture/vapor barrier
- Will not bridge cracking
- Yellows under U.V. lighting
- Requires minimum temperature of 55F 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 and 8 standard colors

PACKAGING and COVERAGE

4800 EPOXY 60-450 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 4800 to a minimum thickness of 4 mils.. If the 4800 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
Color	Clear and Select Std Colors
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 <3 Hours Recoat 3-4 Hours Full Cure 7 Days
Elongation (ASTM D 638)	5.4%
Tensile Strength (ASTM D 638)	4,800p.s.i.
Flexural Strength (ASTM D 790)	9,800p.s.i.

Properties (continued)

Compressive Strength 8,700p.s.i.
(ASTM D 695)

Hardness, Shore D 80
(ASTM D 2240)

Abrasion Resistance 60mgs lost
(ASTM D 4060, CS 17, 1KG, 1000 cycles)

Adhesion 350p.s.i.
(ACI 503R) (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.