

SPEC DATA SHEET

4800 EPOXY Non-Yellowing

PRODUCT DESCRIPTION

Versatile Building Products 4800 EPOXY Non-Yellowing is an Industrial use 100% solids clear topcoat epoxy that exhibits great chemical, UV, and wear resistance. 4800 EPOXY TOPCOAT is primarily used as a concrete floor topcoat or a system topcoat in decorative, commercial, and industrial applications requiring low odor installation and specific chemical resistance.

COMPOSITION

Special proprietary blend of 99.6% solids epoxy, wetting agents, adhesion promoters and other additives.

ADVANTAGES

- 99.6% Solids, 4 g/L VOC
- Low odor
- High gloss
- Good resistance to most chemicals
- UV Durable Formulation.

LIMITATIONS

- Requires moisture/vapor barrier
- Will not bridge cracking
- Will eventually yellow with long-term outdoor exposure.

AREAS OF USE

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

COLORS

Clear

PACKAGING and COVERAGE

4800 EPOXY Non-Yellowing 375-450 ft²/Kit Packaged in 1.5-Gallon Unitized Kit 15 Gallon Bulk 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 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 714-829-2600.

TECHNICAL DATA

Properties

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Color	Clear and Standard Colors	
Volumetric Solids		99.5%
Weight Solids		99.6%
VOC (Volatile Organic Compounds)		4 g/L
Pot Life, 1.5 Gallon Mass, 75F		~40min
Cure Time	Dry to Touch (@75F) Recoat Full Cure	<3 Hours 3-4 Hours 7 Days
Gel Time (hour	4.5	
Through Cure (hours)		8
Elongation (ASTM D 638)		5.4%
Tensile Strength (ASTM D 638)		4,800p.s.i.

Flexural Strength 9,800p.s.i. (ASTM D 790)

Properties (continued)

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

Hardness, Shore D 80 (ASTM D 2240)

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

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

Chemical Resistance

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

UV Durability

Testing was performed comparing our standard 4800 vs 4800 Non-Yellowing.



^{*6} Months outdoor testing

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.