

SPEC DATA SHEET

4800HD EPOXY Low-Yellowing

PRODUCT DESCRIPTION

Versatile Building Products 4800HD EPOXY Low-Yellowing is an Industrial use clear topcoat epoxy that exhibits great chemical, UV, and wear resistance. It has a lower mixed viscosity compared to 4800 EPOXY and allows for easier application and faster drying time. 4800HD 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. 4800HD EPOXY Low-Yellowing can also be used as a build coat in conjunction with a chemical resistant & UV resistant urethane or polyaspartic topcoat.

COMPOSITION

Special proprietary blend of 99.5% solids epoxy, wetting agents, adhesion promoters and other additives.

ADVANTAGES

- 99.5% Solids, 5 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

4800HD EPOXY Low-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 4800HD to a minimum thickness of 4 mils. If the 4800HD 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: VBVP direct at 714-829-2600.

TECHNICAL DATA

Properties

Volumetric Mix Ratio A:B	2:1
Color	Clear and Standard Colors
Volumetric Solids	99.3%
Weight Solids	99.5%
VOC (Volatile Organic Compounds)	5 g/L
Pot Life , 1.5 Gallon Mass, 75F	~30min
Cure Time	Dry to Touch (@75F) 5 Hours Recoat 3-4 Hours Full Cure 7 Days
Gel Time (minutes) (@75F)	45
Through Cure (hours)	8
Elongation	5.4%

245 Carl Karcher Way
Anaheim, CA 92801
Tel: (714) 829-2600

www.deckcoatings.com www.garagecoatings.com

(ASTM D 638)

Tensile Strength 4,800p.s.i.
 (ASTM D 638)

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

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)

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.

Chemical Resistance

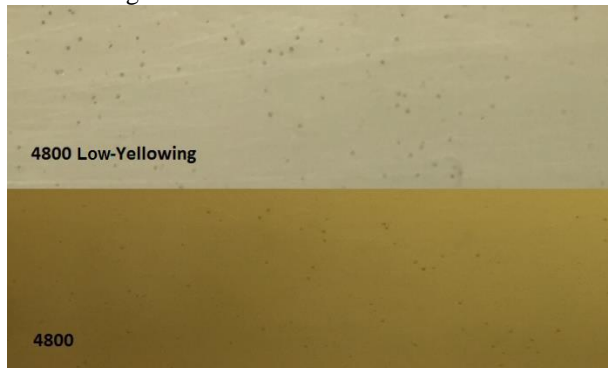
Acetone	No Effect
Xylene	No Effect
10% HCL	No Effect
Ammonia	No Effect
Degreaser	Faint Spotting
Liquid Plummer	Faint Spotting
Vinegar	Faint Spotting
Clorox	No Effect
Windex	No Effect
Motor Oil	No Effect
Gasoline	No Effect
Skydrol	No Effect
Hot Tire	No Yellowing

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.

UV Durability

Testing was performed comparing our standard 4800 vs 4800 Low-Yellowing. 4800 Low-Yellowing may still amber over time, especially if applied in areas that see direct sunlight.



*6 Months outdoor testing