

# ABOCOAT 8508-1

## Heavy-Duty Epoxy Paint

### Uses:

Abocoat 8508-1 excels as a protective and decorative coating for concrete, metal, wood and composite surfaces, indoors and outdoors. It is applied to floors, walls, machinery and installations in industrial, marine, and architectural environments. It is an excellent base coat for polyurethane and other coatings.

### Features:

- 2-component (1:1 ratio)
- Solvent-based
- Superior adhesion
- High-gloss
- Requires no primer
- Available in standard and custom colors

### Benefits:

- Corrosion inhibitor, even on rusty surfaces
- Excellent for wear resistance in heavy-traffic areas and severe weather environments
- Protects against water, weathering, fuels and chemicals
- Superior salt spray resistance
- Can be applied to damp surfaces with excellent adhesion and film integrity
- Can be used with sand and grit to make an anti-skid surface
- Can be used for color-coding

### Technical Data:

PROPERTY	DATA
Pull-off Strength ASTM D 4541	1260 psi (8.7 MPa)
Abrasive Resistance ASTM D 4060	0.088g (CS 17/ Load 1000/ Cycles 1000)
Coefficient of friction (Slip resistance) ASTM D 1894	2.73
Chemical Resistance ASTM D 543	High
Impact Resistance ASTM D 4226	72.0
Heat resistance ASTM D 2485	176°F (80°C)
VOC EPA method #24	220 g/L
Coverage sq. ft./gl appx.	340 sq. ft. X 3 mil
Hardening time, approx.	5-10 hrs.
Application temperature	60-85°F
% Solids by weight	62%
Shelf-life	2 years

### Application:

Good surface preparation is essential for strong adhesion. Clean surface by washing, sandblasting, or muriatic acid etching as appropriate for the substrate. Laitance (deceptively sound-looking surface) on new concrete must be etched or sandblasted. (See "Coating and Resurfacing with Abatron Epoxies".) Existing coatings can be coated over only if brushing with Abocoat 8508-1 shows adhesion without peeling or lifting.

Mix equal volumes of resin (Part A) and hardener (Part B) by stirring thoroughly in a container. Wait at least 45 minutes before applying. Apply with spraygun, brush or roller at ambient temperature of 60 to 85°F. 2 or more coats are recommended for best results. Wait 3 to 4 hours to recoat.

(application continued from front)

If the surface is difficult to wet it can be primed with Primkote 8006-1.

Heat greatly accelerates hardening. Curing (completion of the reaction and full development of all properties) continues for 1 to 2 weeks at room temperature. High-temperature curing can be used to accelerate the hardening and curing process and to maximize hardness, heat and chemical resistance.

### **Maintenance:**

Clean with detergent and water. Scuff marks can be removed with mild abrasive.

### **Availability:**

Abocoat 8508-1 is available in 2 quart, 2 gallon and 10 gallon kits.

### **Additional Products:**

ABATRON manufactures an extensive line of adhesives, coatings, sealants, repair and maintenance products, potting and encapsulating compounds and chemical specialties. For more information, contact the company as indicated below.

### **Limited Warranty:**

The above information is the result of accurate laboratory and field tests. However, no guarantee is offered as uses and applications are beyond our control. The user is urged to test this product under his own conditions. All warranties, including the implied warranties of merchantability and fitness



for a particular purpose, are excluded. In the event of manufacturing defects in the product, purchasers' remedies are limited to the replacement of the product or a refund of its purchase price.

### **Technical Help:**

Technical assistance is available by phone at 262/653-2000, by fax at 262/653-2019 or through the company's website, [www.abatron.com](http://www.abatron.com).

### **Filing:**

File under Division 9 using CSI MasterFormat.

Manufactured by:



ISO 9001 Registered

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