

## **EuroCoat<sup>®</sup> 112 WB Epoxy Sealer**

### High Performance Water Based Epoxy Floor Sealer

#### **Product description**

*EuroCoat 112 WB* is a two component, low viscosity -high penetration water based epoxy resin, designed for use to prime and to seal properly prepared wood and concrete surfaces. EuroCoat 112 WB is a user friendly application product with very low odor and excellent performance.

EuroCoat 112 WB has excellent adhesion to a wide variety of substrates including damp or wet concrete with proper surface preparation.

#### **Typical Uses**

EuroCoat 112 WB is typically used as a general purpose coating for concrete floors and as a primer under epoxy, polyurethane and acrylic materials.

EuroCoat 112 WB is recommended for warehouse and factory floors, automotive repair facilities, residential garage floors, clean rooms and for many other commercial and industrial maintenance applications.

#### **Advantages**

- Excellent penetration and adhesion to concrete.
- Low odor
- Low viscosity
- Easy to apply
- Complies with VOC regulations in all areas
- High coverage rates.
- No blushing
- Moisture tolerant

#### **Coverage**

EuroCoat 112 WB is applied at 250-350 square feet per gallon to yield 5-7 mils WFT.

#### **Colors**

EuroCoat 112 WB is available in 9 standard colors, plus clear.

#### **Limitations**

- The application thickness should be within 5-7 wet mils per coat depending on concrete porosity and surface profile.
- Exterior clear applications are not recommended.

- Acid etched surfaces must be thoroughly rinsed before coating.
- Not recommended for use over acid stain

#### **Warehousing**

- Do not expose material to direct sunshine or heat. Use a dry and cool area for stocking.
- Keep the material in its original packaging.
- Warehousing temperature must be between 4-23 °C ( 39-74 °F)
- Shelf life is one year.

#### **Handling**

Avoid contact with skin; wear protective gloves. Read Material Safety Data Sheet before using.

#### **Installation Guidelines**

**Preparation:** Surface must be properly prepared. Consult EuroCoat surface preparation bulletin for full details. Minimum surface temperature is 40 F; preferred is 60–68 F.

If acid etched, the use of a floor machine with a stiff nylon brush is required. Do not allow the etching solution to dry on the concrete. Etched surface must be thoroughly rinsed. Pressure washing after etching is ideal. Do not neutralize with a base material

**Mixing:** Mix only that amount of material that can be used in a 2 hour period. In very hot weather it is advisable to mix smaller batches to ensure good flow and workability. Because color change can occur as mixed material advances into its pot life, when using as a pigmented finish coat, mix only that amount of

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material than can be used in 1 hour. Premix Part A before adding Part B. Mix ratio is 4 Parts A to 1 Parts B.

Proportion the amounts carefully and mix for 2 full minutes using a low speed drill, scraping the bottom and sides of the mixing vessel. 15-20% water **must be added** to achieve a low application viscosity. A common mixing ratio is 4A:1B:1 water.

**Application:** EuroCoat 112 WB is normally applied 250-350 sq. ft. per gallon by brush, roller or airless spray. If using as a primer and trapped air in the substrate creates bubbles, continued rolling will cause them to disappear. EuroCoat 112 WB should normally be recoated after an overnight cure period. However, if conditions are very cool and/or damp, 48 hours cure time should be allowed before recoating. If the product cures longer than 72 hours, the surface should be lightly sanded before recoating. When using a pigmented finish coat, keep a “wet edge” and **do not attempt to roll over material that has begun to set as a change in color will result.**

**Clean up:** Clean skin with soap and water. For equipment use clean water followed by MEK or proprietary epoxy solvent.

### Physical Properties

Composition:	Water based Bisphenol A epoxy resin/ hardened with a WB amine adduct.
Color:	Clear and 9 standard colors
Solids content (by weight):	51%
Mix Ratio:	4A:1B
VOC Content:	50 grams/liter
Viscosity:	400-500 cps
Adhesion:	
To steel:	2,600 psi (ASTM D-4541)
To concrete:	350-400 psi (concrete fails) (ACI-COMM #403)

Pot life: 2 hours at 77 Degrees

### Cure Times (77 degrees)

Dry to Touch	2 hours
Recoat	12-18 hours
Light Traffic	18-24 hours
Full Cure	7 days

*Higher temperatures and lower humidity will shorten cure times.*

*Lower temperatures and high humidity will lengthen cure time.*

### Chemical Resistance

See EuroCoat's, Chemical Resistance Guidelines for chemical resistance of a product or system, as well as the types of test performed.

Note: Chemical resistance is a functional test, usually limited to changes in weight or thickness measured in loss or gain and does not evaluate subject aesthetic issues. To determine aesthetic issues, EuroCoat recommends testing the products or system in accordance with intended end use.

### Testing

The technical data contained herein is the result of tests made in EuroCoat's laboratories or in independent laboratories using small scale equipment, following generally accepted trade practices. Although this information is believed to be true and accurate, the use of different equipment for testing under dissimilar conditions or the testing of samples produced under dissimilar conditions may develop substantially different results.

### LIMITED WARRANTY

**NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN EUROCOAT INVOICES ARE MET.**

**EuroCoat warrants to the purchaser of its products that such products are free from manufacturing defect. EuroCoat does not warrant or guarantee the workmanship performed by any person or firm installing its products. EuroCoat's obligation under this warranty is limited solely to the original purchaser and solely to the remedy of**

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replacement in kind of any product which EuroCoat sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which EuroCoat's examination shall disclose to EuroCoat's satisfaction to be thus defective.

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**CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.**

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