

# WELBOND 335

## EPOXY FLOOR COATING

### DESCRIPTION:

**WELBOND 335** is a two component floor coating consisting of modified epoxy resin mixed with inert pigments and polyamine hardener.

### APPLICATION:

**WELBOND 335** is applied as a protective hard wearing coating floors and walls in chemical industries, parking areas or as anti-corrosive painting. Good abrasion resistance, suitable for both foot and light vehicular traffic areas. Can be applied as a decorative final coating to flooring systems.

### ADVANTAGES:

- Chemical resistance
- Acid resistance
- Abrasion resistance
- Easy to clean and maintain
- Un-impregnable for fluids
- Semi-gloss

### TECHNICAL DATA:

Specific gravity :	Approx. 1.2 (after mixed)
Mixing ratio :	2 parts of comp-A to 1 part of comp-B by volume
Pot life :	2 hours at 25°C
Solid content :	75% by volume
Foot traffic :	8 hours at 25°C
Recoat time :	5-48 hours at 25°C
Full cure :	7 days

WHITE

IVORY

GREY

RED

ORANGE

DARK GREEN

LADY BLUE

NILE GREEN

ULTRAMARINE  
BLUE

CATERPILLAR  
YELLOW

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## **PRECAUTIONS:**

Temperature range for use : 10°C - 35°C

Clean tools and equipments with epoxy thinner before the product dries

Do not inhale

Work in well ventilated area

The product should not be applied onto surfaces with rising damp condition

## **CHEMICAL RESISTANCE DATA:**

Citric Acid 10%	Excellent
Tartaric Acid 10%	Excellent
Acetic Acid 5%	Excellent
Nitric Acid 25%	Very Good
Hydrochloric Acid 25 %	Excellent
Sulfuric Acid 50%	Excellent
Lactic Acid 10%	Excellent
Phosphoric Acid 50%	Very Good
Sodium Hydroxide 50%	Excellent
Fuel/Petrol	Excellent
SUgar Solution	Excellent
Acetone	Poor
Xylene	Very Good
Skydrol	Good

## **WORK INSTRUCTION:**

### SUBSTRATE PREPARATION

\*Substrates should be structurally sound, dry and not suffer from rising damp. Suitable damp-proof membrane should be installed to prevent this.

\*New concrete floors should be a minimum of 28 days.

\*Substrates should have a moisture content of not more than 4% and a relative humidity of not more than 75% at the time of application.

For adequate adhesion of coatings to concrete, surface should be free of laitance and have the texture of medium sandpaper. If this is not the case, the surface should be etched with acid or mechanically grinded to provide a texture, the floor is then washed to remove free acid and allowed to dry.

\*Chemical degreasers may be used to removed oil, and grease.

## **PRODUCT PREPARATION:**

Stir the individual components of WELBOND 335 using a slow speed electric drill with paddle attachment.

Put the based component (comp-A) into a clean mixing container. Pour the hardener component (comp-B) and mix thoroughly until a homogeneous substance is obtained.

Allow the mixed paint to settle for 5-10 minutes before use.

## **APPLICATION:**

Apply WELBOND 335 using fine smooth lambs wool roller.

Apply the edges using small paint brushes.

Apply second coat within 5 to 48 hours.

Anti-skid finish can be obtained by mixing 10% of anti-slip aggregate in the 1st coat application or sprinkle the anti-slip aggregate onto the 1st coat application while it is still wet. Sweep or vacuum off excess anti-slip aggregate after the 1st coat is dry before applying the 2nd coat.