

FEATURES

Clean Colour E-3 is a two-pack epoxy polyamine floor coating with high solids content. It is suitable for concrete floors in factories and areas requiring a clean and attractive finish.

- Excellent abrasion resistance, making it ideal for areas with forklift traffic
- Excellent resistant to chemicals, oil, and water
- Provide high film thickness in a single coat, helping to save time and coating costs

PRODUCT INFORMATION

Paint type	Epoxy paint for flooring
Product type	Interior
Film appearance	High Gloss
Color	As per colour card catalog
Grade	Heavy Duty Coatings
Recommended substrate	Concrete and Cement floor
Pack size	17 kg per set

TECHNICAL INFORMATION

Theoretical coverage	40-45	m ² per 17 kg per coat
Practical coverage	32-36	m ² per 17 kg per coat
These value are calculated based on the above theoretical coverage and a loss factor of 20% The actual loss factor for a particular job may vary depending on the application condition, method and technique; surface condition; as well as the structure and dimension of the object to be coated.		
No. of coat	1-2	coats
Specific gravity	1.42-1.48	(Mixed)
Solid by volume	70±5	%
Solid by weight	75±5	%
VOC	300-310	g/L
Wet film thickness	400	microns
Dry film thickness	300	microns
Touch dry (25-30°C)	Approx. 2	hrs.
Recoat dry (25-30°C)	> 16	hrs. (Max 3 days)
Full cure (25-30°C)	7	Days

REFERENCE STANDARD

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APPLICATON

Applicator	Roller
Diluted by	Clean Colour E Thinner
Dilution (%)	3-5% by weight
Mixing ratio (Part A : Part B)	15:2 by weight
Pot life	45 mins at 25-30 °C

SURFACE PREPARATION

Concrete	Remove all loose, defective paint or powdery residues, laitance, loose chalk, dust, fungus, algae and foreign matter. Treat any areas affected by fungus growth with Fungicidal Wash Solution. Repair cracks, uneven surfaces with suitable exterior grade fillers. Smoothen the filler areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 14% measured by protimeter and alkalinity of the walls to be below pH8.)
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PAINT SYSTEM

Primer for concrete surface	Clean Colour Primer 1-2 coats
Top coat	Clean Colour E-3 1-2 coats for interior. Note: In case of vivid and intense color shade, a lighter shade is recommended to apply in the first coat for a good hiding result.

HANDLING AND STORAGE

Storage condition	The product must be stored in a dry, well-ventilated space and keep the container tightly closed. When transporting paint, the product should separately from others. Not recommended to place the product outdoor or exposed to the sun directly and must separately be stored between enamel paint and thinner, which is a flammable substance.
Precipitation	Place the product for a long time may lead the pigment to precipitate at the bottom of the container and can deteriorate over time when not stir product to a homogeneous by using suitable tools, such as an electric drill, air drill, or a stirrer. Therefore, should stir the product to the homogeneous phase before use. If not, the product will cause paint problems e.g. low hiding power or non-equal color shade.
Shelf life at 25-30 °C	24 months

**ENVIRONMENTAL
CONDITION**

The relative humidity during application should not exceed 85% or when the surface to be painted is more than 3°C above the dew point. Generally, the temperature of surface to be painted should be more than 5 °C and not exceed 50°C.

SAFETY PRECAUTIONS

Precautionary notices are displayed on the container. Use product under well-ventilated area. Avoiding skin contact or inhale product. In case of contact with the eye, rinse with plenty of water immediately and seek medical advice. Remove splashes from the skin by using soap or water. For others information in terms of health and safety hazards for use of this product, please observe the Safety Data Sheet.

DISCLAIMER

The above information is given to the best of our knowledge based on laboratory tests and practical experience. However, since we cannot anticipate or control the many conditions under which our products may be used, we can only guarantee the quality of the product itself.

We reserve the right to alter the given without prior notice.

NOTE

The data are average values for reference only. However, the actual value depends on environmental conditions.