



TARA PAINTS & CHEMICALS

(An ISO 9001:2015 Certified Company)

A - 423/14, Mahagujarat Industrial Estate, Sarkhej - Bavla Road, Lane Behind Satyam Arcade,
Village : Moraiya, Ahmedabad - 382 210, Gujarat (India)

Tel: (F): +918000011774, E-mail: taralac@hotmail.com, taralac@taralac.com Website: www.taralac.com

2304 Epoxy SB FC Colors (Thin Coat) [3/1]

General Description:

EPOXY TOP COAT PAINT is a, two components, and high build epoxy coating, Hardener and selected silica aggregates for a highest mechanical performance and resistance to chemical attack. system consisting of an epoxy resin and polyamide or alkanamine hardener that gives a glossy finish. Specially formulated to give superior adhesion, abrasion resistant and excellent heavy-duty coating.

Major Uses:

Ideal for machine shops, heavy engineering plants, chemical process areas, passenger walkways in airports when an attractive appearance must be coupled with exceptional wear resistance and laboratories subjected to mild acids and spillages. It is also widely used for commercial and industrial establishments, heavy-duty loading bays and storage. On floors such as breweries, textile mills, distilleries and other food processing and manufacturing industries.

Advantages:

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| <ul style="list-style-type: none"> • High chemical resistance. • Hard wearing. • Easy to clean – seamless. • Flexible and waterproof. | <ul style="list-style-type: none"> • Available in wide range of color. • Exceptional wear – resistance. • Non – slip also Available • Excellent abrasion resistant. |
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Characteristics and Physical Properties

Appearance	Coloured Liquid
Mixing Ratio	3 : 1
Solid Content	50% - 75% depending on shade.
Specific Gravity	1.2 – 1.9
Pot Life @ 30°C.	45 – 60 minutes.
Initial Hardness @30°C	8 - 10 Hours.
Full Cure @30°C	7 Days
Compressive Strength	60 N/mm ²
Flexural Strength	20 N/mm ²
Water Absorption	0.2%
Modulus of Elasticity	5500 N/mm ²

Chemical Resistance Properties

Hydrochloric Acid -	Excellent
Sulphuric Acid, 20% -	Excellent.
Phosphoric Acid, 20% -	Excellent.
Lactic Acid, 20% -	Very Good.
Sodium hydroxide, 50% -	Excellent.
Water, de – ionized -	Unaffected
Sulfuric Acid, 14% -	Unaffected
Nitric Acid, 10% -	Unaffected
Acetic Acid, 30% -	Unaffected
Caustic Soda, 20% -	Excellent
Petrol -	Unaffected
Toluene -	Stiffened
Xylene -	Unaffected
Styrene -	Unaffected
Hydraulic Fluid -	Unaffected
Alcohol -	Excellent.
Ketones -	Good.

All the information given here are as per the results obtained in laboratory & are given in good faith to guide the user but without any warranty, the actual application results might vary depending on the conditions. We are not responsible for any loss, injury or damage resulting from the use of this information

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Surface Preparation:

Old Concrete:

Concrete should be dry, free from dust, oil, loose debris and other contaminants. Remove all existing coat (if any) by scraping, grinding or with paint remover. Apply one (1) coat of multi – etch solution and rinse with fresh water and let it dry for 24 hrs. to ensure an excellent penetration.

New Concrete:

New concrete should be cured for at least 28 days, the moisture content of the substrate should be less than 5%. Apply one (1) coat of etch solution, rinse and let it dry. Remove all loose debris prior to the application of EPOXY TOP COAT PAINT.

Maintenance:

Remove all traces of oil, grease and other contaminants with suitable degreaser and detergent. Remove all rust and loose materials by power tool cleaning or by wire brushing. Application of wash primer to damaged or rusted surface is recommended prior to the application of EPOXY TOP COAT PAINT. Surface contaminated with oil or grease should be flame cleaned or by using a degreaser and wash with detergent.

Priming:

Apply 1 – 2 coat of Epoxy Base Coat as a sealer and conditioner. Primer should be tack – free prior to application of EPOXY TOP COAT PAINT.

Storage:

At least 1 year in unopened cans. The product should be stored in cool and dry area. Keep container tightly closed.

Cleaning of Tools:

All tools should be cleaned with Wash Thinner or TARALAC Epoxy Thinner as soon as possible.

Physiological Hazards:

Keep Resin and Hardener away from eyes and skin contact. Good ventilation should be provided particularly in closed work areas. Keep uncured epoxy materials away from the mouth, food or drink, do not use empty tins to store food and do not empty cans into drains. Always wear gloves and safety materials when handling this product. Clean any splashes or smears from the skin immediately, using warm water and soap. Avoid inhaling vapor.