



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): +91 8000011774, E-mail: taralac@hotmail.com , taralac@taralac.com Website: www.taralac.com

TARALAC EPOXY ANTI SKID/SLIP COATINGS

Product description

This is a two component abrasion polyamine cured epoxy coating. Specially designed as an anti-skid coating. Suitable for approved primers or directly on concrete substrates.

Typical use

Can be used on staircase, heli-decks, walkways, ramps, weigh bridge decks, decks in general where abrasion resistance and non-slips properties are required.

Colours

Clear, Grey, Green, Black, Yellow, Carpet Red

Products data

Property	Test / Standard	Description
STANDARD GRADE		
Solids by volume	ISO 3233	90 ± 2%
Gloss level (60°)	ISO 2813	semi gloss (35-70)
Flash point	ISO 3679 Method 1	35°C
Specific gravity	calculated	1,43 kg/l
VOC-Solvent Emission Directive	SED(1999/13/EC)	161 g /kg

The provided data is typical for factory produced products , subject to slight variation depending on colour.
All data is valid for mixed paint

Recommended film thickness per coat

Film thickness and spreading rate	Dry film thickness (µm)	Wet film thickness (µm)	Theoretical spreading rate (m ² /l)
STANADARD GRADE			
Minimum	750	830	1,2
Maximum	3000	3330	0,3
Typical	1000	1100	0,9

Anti – slip roughness profile of coating limits accuracy on film thickness measurements. Approximate spreading rate for 1000 µm dry film is 10 m²/kit from practical testing.

Surface preparation

To secure lasting adhesion to the subsequent product all surfaces shall be clean , dry and free from any contamination.



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Surface preparation summary table

Substrate	Surface preparation	
Coated surfaces	Clean ,dry and undamaged compatible coating (ISO 12944-4 6,1)	P Sa 2 ½ (ISO 8501-2)
Concrete	Low pressure water washing to a rough ,clean ,dry and laitance free surface	Minimum 4 weeks curing. Moisture content maximum 5 %. Prepare the surface by means of enclosed blast Shot or diamond grinding and other appropriate means to abrade the surroundings concrete and to remove Laitance

Application

Application methods

The product can be applied by

Spray : Gravity Feed Hopper Gun or other suitable equipment. Consult Taralac for additional information ,as required.

Product mixing ratio (by volume)

Mix Comp A and Comp B,

STANDARD GRADE

Comp A	3	part(s)
Comp B	1	part(s)

Thinner / Cleaning solvent

Thinner : Taralac Epoxy Thinner if required for cleaning purpose only.

Guiding data for airless spray

Nozzle tip(inch/1000) :	31
Pressure at nozzle(minimum) :	4 bar

Drying and Curing time

Substrate temperature	0°C	5°C	10°C	23°C	40°C
STANDARD GRADE					
Surface (touch) dry			8h	5h	3h
Walk-on-dry			24h	14h	6h
Dried to over coat, minimum			28h	14h	6h
Dried /cured for service			14d	7d	2d

Drying and curing times are determined under controlled temperatures and relative humidity below 85% ,and within the DFT range of the product.



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Surface (touch)dry: The state of drying when slight pressure with a finger does not leave an imprint or reveal tackiness. Dry sand sprinkled on the surface can be brushed off without sticking to or causing damage to the surface.

Walk-on-dry: Minimum time before the coating can tolerate normal foot traffic without permanent marks, Dried to over coat, minimum : The shortest time allowed before the next coat can be applied.

Dried/ cured for service : Minimum time before the coating can be permanently exposed to the intended environment /medium.

Induction time and Pot life

Paint temperature 23°C

STANDARD GRADE

Induction time 10 min
Pot life 40 min

Heat resistance

	Continuous	temperature	Peak
Dry , atmosphere	120°C		120°C
Peak temperature duration max,1 hour.			

The temperature listed related to retention of protective properties. Aesthetic properties may suffer at these temperatures.

Product compatibility

Depending on the actual exposure of the coating system ,various primers and topcoats can be used in combination with this product. Some examples are shown below.

Previous coat: epoxy, epoxy mastic , zinc epoxy
Subsequent coat : epoxy, epoxy mastic , polyurethane ®

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry , cool ,well ventilated space any away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Shelf life at 23°C

Comp A 48 month(s)
Comp B 48 month(s)

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf , thereafter the paint quality is subject to re-inspection.



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Caution

This product is for professional use only. The applicators and operators shall be trained , experienced and have the capability and equipment to mix /stir and apply the coatings correctly and according to Taralac's technical documentation. Applicators and operators shall be use appropriate personal protection equipment when using this product. This guidelines is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Taralac representative before commencing the work.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser ,soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Colour variation

Products primarily meant for use as primers and anti-foulings may have slight color variations from batch to batch. Such products may fade and chalk when exposed to sunlight and weathering.

