



# DELTA ANTI SLIP TOPCOAT

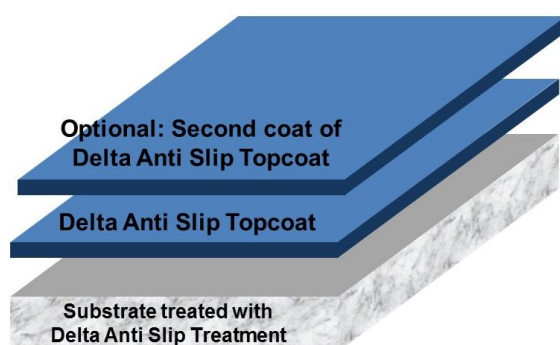
Anti Slip Floor Coating



## DESCRIPTION

Delta Anti Slip Topcoat is a coating integrated with fine particles to improve the slip resistance of floor.

## SYSTEM DESIGN



## BENEFITS

- ❖ Improves slip resistance
- ❖ Abrasion resistant
- ❖ Excellent UV and weathering resistance
- ❖ Can be used indoors and outdoors
- ❖ **HACCP certified to Singapore Standard** for use in facilities covered by HACCP accreditation.

## USES

- ❖ For use on indoor/outdoor concrete and resinous surfaces e.g. epoxy, MMA, polyurethane, polyurea coatings, etc.
- ❖ For use on indoor tile surfaces e.g. ceramic tiles, quarry tiles, mosaic, homogeneous tiles, glazed tiles, porcelain tiles, slate, terrazzo.
- ❖ Pool decks, kitchen, toilets, balconies, walkways, wet areas, process areas, storage/warehouses, etc.
- ❖ For floor anti slip treatment.

## COLOR

Available in clear and standard colors.

## FINISH

Satin

## SURFACE PREPARATION

Substrates to be coated must be structurally sound, clean, dry and free from any contamination.

For Mineral Surfaces:

- Use **Delta Anti Slip Floor Treatment**.
- Apply Delta Anti Slip Floor Treatment directly on the surfaces by scrubbing with bristle pad or bristle brush for 2-3 minutes at coverage 10m<sup>2</sup>/lit.
- Rinse thoroughly with plenty of water and squeegee dry the floor.

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### For Resinous Surfaces:

- If resinous coating is not sound, to remove.
- If resinous coating is sound, proceed with sanding, vacuum clean and follow with application.

For other specific application, consult DELTA INTERCONTINENTAL PTE LTD.

### APPLICATION

- Apply one or two coats of Delta Anti Slip Topcoat @ 0.07 lit/m<sup>2</sup>/coat.

Mixing – Shake Part A. Then add Part B to Part A and shake to mix well.

Tools – Applied by short nap epoxy roller.

### TECHNICAL AND APPLICATION DATA

Pull-off Strength on ceramic tiles	1.7 N/mm <sup>2</sup>
Recommended dry film thickness	40 µ
No. of coats	1
No. of components	2
Mixing Ratio (Part A: Part B, by volume)	4:1
Pot Life	60 minutes @ 30°C
Temperature Resistance	80°C
Curing Time	Touch Dry: 8 hours
	Foot Traffic: 24 hours
	Full Cure: 7 days

### SS485: 2011

Slip Resistance	Dry: Classification F
	Wet: Classification X to W

**Note: Meets HDB's slip resistance specification** under Standard Specifications for Building Works and Other Installations 2011.

HDB: Housing and Development Board of Singapore

### Grip Meter

Slip Resistance (Coefficient of friction)	Dry: 0.6 – 0.75
	Wet: 0.5 – 0.65

**Note: Meets BCA's Acceptable Slip Resistance Grading:** Surfaces with coefficient of friction below 0.4 are below acceptable safety limits according to BCA Accessibility Code 2013.

BCA: Building and Construction Authority of Singapore



### PACKAGING

400 ml/set comprises of: Part A – 320 ml  
Part B – 80 ml

### STORAGE CONDITIONS AND SHELF LIFE

Delta Anti Slip Topcoat has a shelf life of 12 months in original unopened packing, stored in dry enclosed space without exposure to direct sunlight and extreme temperature. Protect from frost.

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## SAFETY

Product is highly flammable. Do not smoke when working. Ensure adequate ventilation and avoid inhaling vapours when working. Always use with suitable personal protective equipment.

## Chemical Resistance List

Chemical	Result
Acetic Acid (10%)	No effect
Acetic Acid (25%)	No effect
Acetic Acid (40%)	No effect
Acetic Acid (99%)	No effect
Brine (Saturated sodium chloride)	No effect
Calcium Chloride (50%)	No effect
Calcium Hydroxide (Saturated)	No effect
Citric Acid (20%)	No effect
Citric Acid (60%)	No effect
Detergent (Alkaline)	No effect
Formic Acid (40%)	No effect
Formic Acid (70%)	No effect
Formic Acid (90%)	Very faint mark
Formic Acid (99%)	Very faint mark
Gasoline	No effect
Hydrochloric Acid (10%)	No effect
Hydrochloric Acid (37%)	No effect
2-propanol (99%)	No effect
Jet Fuel	No effect
Kerosene	No effect
Methanol (99%)	No effect
Methylene Chloride (99%)	No effect
Methyl Ethyl Ketone (99%)	No effect

Chemical	Result
Motor Oil	No effect
Nitric Acid (5%)	No effect
Nitric Acid (30%)	No effect
Nitric Acid (65%)	Severe mark (Blistering)
Phosphoric Acid (5%)	No effect
Phosphoric Acid (40%)	No effect
Phosphoric Acid (50%)	No effect
Phosphoric Acid (85%)	Faint mark
Potassium Hydroxide (50%)	No effect
Sodium Chloride (Saturated)	No effect
Sodium Hydroxide (20%)	No effect
Sodium Hydroxide (32%)	No effect
Sodium Hydroxide (50%)	No effect
Sodium Hypochlorite (15%)	No effect
Sulfuric Acid (5%)	No effect
Sulfuric Acid (30%)	No effect
Sulfuric Acid (50%)	Faint mark
Sulfuric Acid (98%)	Severe mark (Peel off)
THF (99%)	No effect
Toluene (99%)	No effect
Distilled Water	No effect
White Spirit	No effect
Xylene (99%)	No effect

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