



DELTA CHEM TOP DP TOPCOAT

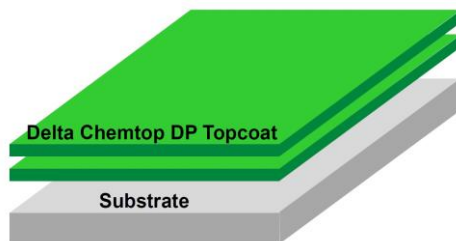
Solvent-based Polyurethane Top Coat



DESCRIPTION

A solvent based polyurethane top coat with a smooth matt surface finish.

SYSTEM DESIGN



BENEFITS

- ❖ Abrasion resistance.
- ❖ Excellent chemical resistance.
- ❖ Easy to clean and sterilize.
- ❖ Resist growth of bacteria, fungi, mold and mildew
- ❖ **HACCP certified to Singapore Standard** for use in facilities covered by HACCP accreditation

USES

- ❖ For protection of floors against chemicals.
- ❖ For use as a top coat on coving and vertical surfaces that require high chemical resistance.
- ❖ Chemical resistance floor for chemical process, containment area and wash down rooms.
- ❖ Hygienic floor for kitchen, wet food, beverage processing and packaging plants, pharmaceutical, electronic and chemical plants.
- ❖ Mechanically durable floor for loading docks and warehouses.

COLOR

Available in a range of standard colours.

FINISH

Matt

SURFACE PREPARATION

Substrates to be coated must be structurally sound, clean and free from any contamination. Surface preparation by light sanding. For oil/grease contaminated areas, use degreaser followed by thorough water washing and drying. For other specific application, consult DELTA INTERCONTINENTAL P/L.

APPLICATION

- ❖ 2 finishing coats of Delta Chemtop DP Topcoat @ 0.07lit/m²/coat.

Mixing – Before mixing, stir Part A, then mix Part A and Part B thoroughly for 2 minutes using a slow speed power mixer (300-500rpm).



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Tools – Applied by brush, short nap epoxy roller or airless sprayer.

Recoating time – Interval between coats: 8 hours.
Maximum recoating time: 24 hours.

TECHNICAL AND APPLICATION DATA

Recommended dry film thickness	100 micron
No of coats	2
No. of components	2
Mixing ratio (by weight)	4 : 1 Part A : B
Pot Life	60 mins @ 30°C
Temperature resistance	80°C
Chemical Resistance	See list attached

MAINTENANCE

To maintain the appearance of the floor, all spillage must be removed immediately and clean regularly using rotary scrubber, wash and vacuum in conjunction with suitable detergents and waxes.

STORAGE CONDITIONS AND SHELF LIFE

All components of Delta Chemtop DP Topcoat have a shelf life of 12 months in original unopened packing, stored in dry enclosed place without exposing to direct sunlight and at temperature between 15°C to 35°C, protected from frost.

PACKAGING

2.5 lit set.
Comprises of: Part A – 2 lit
Part B – 0.5 lit

SAFETY

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



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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