



# DELTA CHEM TOP 217

Novalac Epoxy Coating

## DESCRIPTION

Delta Chemtop 217 is a two component, solvent free, high chemical resistant, clear modified novalac epoxy coating.

## BENEFITS

- ❖ Excellent chemical resistance, resistant to 98% sulphuric acid spillage.
- ❖ Solvent free, low odour.
- ❖ Can incorporate fiberglass system for use as lining material.
- ❖ **HACCP certified to Singapore Standard** for use in facilities covered by HACCP accreditation



## USES

- ❖ For use as a clear coating for protection of floors against strong chemical attack.
- ❖ For use as a high chemical resistant lining system when incorporated with fiberglass.
- ❖ Typical applications include food processing, pharmaceutical, chemical plants, secondary containments.

## COLOUR

Light Amber

## FINISH

Gloss

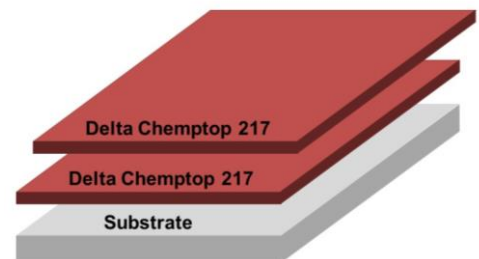
## SURFACE PREPARATION

Substrates to be coated must be structurally sound, clean and free from any contamination. Surface preparation by captive shot blasting, scarifying, diamond disc grinding. For oil/grease contaminated areas, use chemical degreaser followed by thorough water washing and drying. For other specific application, consult DELTA INTERCONTINENTAL PTE LTD.

## TECHNICAL AND APPLICATION DATA

Recommended dry film thickness	150µ
No. of components	2
Mixing ratio (by weight)	1.67 : 1 Part A : B
Pot Life	45mins @ 29°C
Temperature resistance	60°C
Chemical Resistance	See attached list

## APPLICATION



- Primer coat of Delta Chemtop 217 @ 0.37kg/m<sup>2</sup>.
- Finishing coat of Delta Chemtop 217 @ 0.37kg/m<sup>2</sup>.

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*Note: If laid as a lining system, a layer of fibreglass will be laid after application of 2 coats of Delta Chemtop 217 @ 0.37kg/m<sup>2</sup>/coat, follow by another 2 finishing coats of Delta Chemtop 217 @ 0.37kg/m<sup>2</sup>/coat.*

Mixing – Before mixing, stir Part A, then mix Part A and Part B thoroughly for 5 minutes, using a slow speed power mixer (300 – 500 rpm).

Tools – Applied using brush, short nap epoxy roller.

Recoating time – Interval between coats: 8 hours.

Maximum recoating time: 24 hours.

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### PACKAGING

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5.6kg set comprises of:     Part A – 3.5kg  
  Part B – 2.1kg

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### STORAGE CONDITIONS AND SHELF LIFE

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All components of Delta Chemtop 217 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. Protect from frost.

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### SAFETY

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Product contains epoxy resin and amine. Do not take internally. May irritate eyes and skin. Ensure adequate ventilation and avoid inhaling vapours. Always use with suitable personal protective equipment.

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## Chemical Resistance List

Chemical	Result
Acetic Acid (10%)	Faint mark
Acetic Acid (25%)	Faint mark
Acetic Acid (40%)	Faint mark
Acetic Acid (99%)	Faint mark
Ammonium Hydroxide (29%)	No effect
Acetonitrile (99.8%)	No effect
Ammonium sulfate (Saturated)	No effect
Brine (Saturated sodium chloride)	No effect
Calcium Chloride (50%)	No effect
Calcium Hydroxide (Saturated)	No effect
Citric Acid (20%)	No effect
Copper Sulfate (Saturated)	No effect
Citric Acid (60%)	No effect
Detergent (Alkaline)	No effect
Formic Acid (40%)	Severe mark (peeling)
Formic Acid (70%)	Severe mark (peeling)
Formic Acid (90%)	Severe mark (peeling)
Formic Acid (99%)	Severe mark (peeling)
Gasoline	No effect
Hydrochloric Acid (10%)	No effect
Hydrochloric Acid (37%)	No effect
Hydraulic Fluid/Oil	No effect
2-propanol (99%)	No effect
Jet Fuel	No effect
Lactic acid (30%)	Very faint mark
Lactic acid (80%)	Very faint mark
Methylene Chloride (99%)	No effect

Chemical	Result
Methyl Ethyl Ketone (99%)	No effect
Mineral Oil	No effect
N-Methyl Pyrrolidone (NMP) (100%)	No effect
Motor Oil	No effect
Nitric Acid (5%)	No effect
Nitric Acid (30%)	Faint mark (yellowish)
Nitric Acid (65%)	Severe mark
Phosphoric Acid (5%)	No effect
Phosphoric Acid (40%)	No effect
Phosphoric Acid (50%)	No effect
Phosphoric Acid (85%)	No effect
Sodium Bisulfite (40%)	No effect
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%)	Very faint mark
Sulfuric Acid (98%)	Faint mark
THF (99%)	No effect
Toluene (99%)	No effect
Distilled Water	No effect
White Spirit	No effect
Xylene (99%)	No effect