



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.

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

Clear

FINISH

Gloss

SURFACE PREPARATION

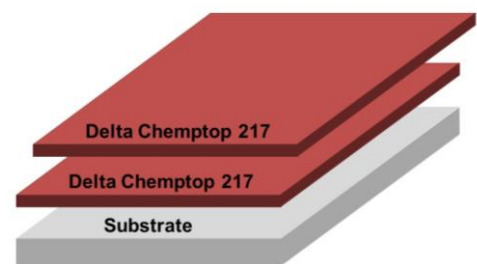
Substrates to be coated must be structurally sound, clean and free from any contamination. Surface

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)	1.65 : 1 Part A : B
Pot Life	40mins @ 25°C
Temperature resistance	60°C
Chemical Resistance	See attached list

APPLICATION



- Primer coat of Delta Chemtop 217 @ 0.37kg/m².
- Finishing coat of Delta Chemtop 217 @ 0.37kg/m².

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/m²/coat, follow by another 2 finishing coats of Delta Chemtop 217 @ 0.37kg/m²/coat.

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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.

PACKAGING

6.1kg set comprises of: Part A – 3.8kg
 Part B – 2.3kg

STORAGE CONDITIONS AND SHELF LIFE

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.

SAFETY

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%)	Severe mark (peeling)
Acetic Acid (25%)	Severe mark (peeling)
Acetic Acid (40%)	Severe mark (peeling)
Acetic Acid (99%)	Severe mark (peeling)
Acetonitrile	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
Citric Acid (60%)	No effect
Detergent (Alkaline)	No effect
Formic Acid (40%)	Faint mark
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
2-propanol	No effect
Jet Fuel	No effect
Lactic Acid (30%)	Severe mark (peeling)
Lactic Acid (80%)	Severe mark (peeling)
Kerosene	No effect
Methanol	No effect

Chemical	Result
Methylene Chloride (99%)	No effect
Methyl Ethyl Ketone	No effect
Motor Oil	No effect
Nitric Acid (5%)	Faint Mark
Nitric Acid (30%)	Severe mark (peeling)
Nitric Acid (65%)	Severe mark (peeling)
Phosphoric Acid (5%)	No effect
Phosphoric Acid (40%)	No effect
Phosphoric Acid (50%)	No effect
Phosphoric Acid (85%)	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%)	Faint Mark
Sulfuric Acid (50%)	Faint Mark
Sulfuric Acid (98%)	Faint Mark
THF	No effect
Toluene	No effect
Distilled Water	No effect
White Spirit	No effect
Xylene (99%)	No effect