



DELTA CHEMTOP 217 MORTAR

Novalac Epoxy Mortar



DESCRIPTION

Delta Chemtop 217 Mortar is a three component, solvent free, high chemical resistant, clear modified novalac epoxy mortar screed.

BENEFITS

- ❖ Excellent chemical resistance, resistant to 98% sulphuric acid spillage.
- ❖ Solvent free, low odour.
- ❖ Can be use in operating temperatures up to 98°C.
- ❖ **HACCP certified to Singapore Standard** for use in facilities covered by HACCP accreditation



USES

- ❖ Ideal for use in area where exposure to most normal acids, alkalis and solvents are frequent.
- ❖ For use as a bedding and jointing media for fixing acid-proof bricks and tiles.
- ❖ Typical applications include food processing, pharmaceutical, chemical plants, secondary containments.

COLOUR

Natural sand colour.

FINISH

Low sheen

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	5mm
No. of components	3
Mixing ratio (by weight)	Floor 1.0 : 0.6 : 8.0 Wall 1.0 : 0.6 : 9.6 Part A : B : C
Pot Life	30mins @ 29°C
Temperature resistance	98°C
Chemical Resistance	See attached list

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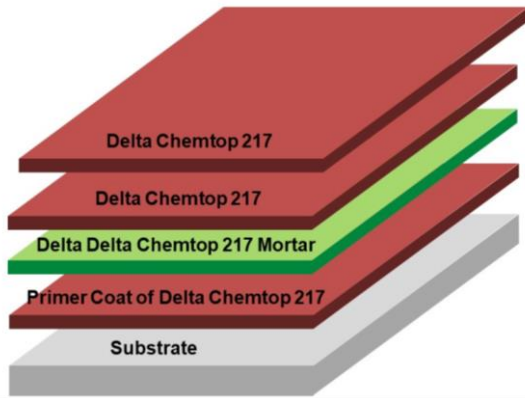
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APPLICATION



- First coat of Delta Chemtop 217 @ 0.30kg/m².
- Body coat of Delta Chemtop 217 Mortar @ 12kg/m².
- Third coat of Delta Chemtop 217 @ 0.185kg/m².
- Finishing coat of Delta Chemtop 217 @ 0.185kg/m².

Mixing – Before mixing, stir Part A, then mix Part A and Part B thoroughly for 5 minutes. Add Part C and mix content thoroughly for 4 minutes. Mixing is done by using an epoxy mortar pan mixer.

Tools – Applied using notched rake, notched trowel and power float.

Recoating time – Interval between coats: 8 hours.

Maximum recoating time: 24 hours.

PACKAGING

33.6kg set comprises of: Part A – 3.5kg
 Part B – 2.1kg
 Part C – 28kg (Aggregates)

STORAGE CONDITIONS AND SHELF LIFE

All components of Delta Chemtop 217 Mortar 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%)	No effect
Acetic Acid (25%)	Very faint mark
Acetic Acid (40%)	Faint mark
Acetic Acid (99%)	Faint mark
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
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
Hydrofluoric Acid (49%)	Faint Mark
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%)	Faint mark(yellowish)
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%)	No effect
Sulfuric Acid (50%)	No effect
Sulfuric Acid (98%)	Very faint mark
THF (99%)	No effect
Toluene (99%)	No effect
Distilled Water	No effect
White Spirit	No effect
Xylene (99%)	No effect