



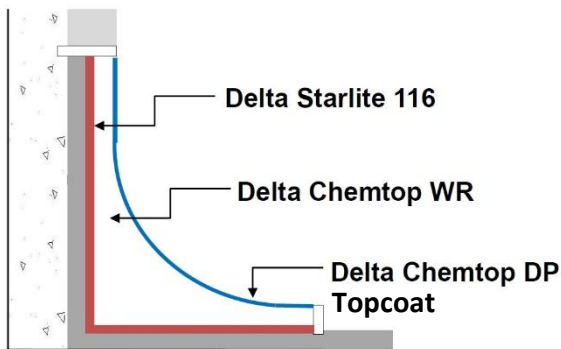
# DELTA CHEMTOPT WR

Polymer Mortar Coving

## DESCRIPTION

A polymer mortar for coving and vertical surfaces.

## SYSTEM DESIGN



## USES

- ❖ For coving and vertical surfaces that require high chemical resistance.
- ❖ As a coving material for Delta Chemtop MF, Delta Chemtop UD200 and Delta Chemtop TZAS.

## BENEFITS

- ❖ High chemical resistance.
- ❖ Can be applied to vertical surfaces.
- ❖ **HACCP certified to Singapore Standard** for use in facilities covered by HACCP accreditation

## COLOR

Natural sand colour.

## FINISH

Low sheen

## SURFACE PREPARATION

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

## APPLICATION

- ❖ Apply 1 primer coat of Delta Starlite 116 @ 0.25kg/m<sup>2</sup>.
- ❖ Apply Delta Chemtop WR @ 3.0kg/m for coving or 10.5kg/m<sup>2</sup>/5mm thick for vertical surface.
- ❖ Apply 2 finishing coats of Delta Chemtop DP Topcoat @ 0.24kg/m<sup>2</sup>/coat.

Mixing – Before mixing, stir Part A, then mix Part A and B thoroughly for 2 minutes. Add Part C and mix content thoroughly for 3 minutes.

Mixing is done using a slow speed power mixer (300 – 500 rpm).

Tools – Applied using straight or curved trowel, depending on profile.

Recoating Time – Delta Chemtop WR is applied when primer is tacky.

Interval between Delta Chemtop WR and Delta Chemtop DP: 8 hours

Maximum recoating time: 24 hours



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## TECHNICAL AND APPLICATION DATA

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Flexural Strength ASTM C580	20.0 N/mm <sup>2</sup>
Pull-off Strength ASTM D 4541	2.83 N/mm <sup>2</sup>
Taber Abrasion Resistance ASTM D 4060 (1000g, 1000 cycles, CS17 wheels)	0.15g
Chemical Resistance	See attached list

Recommended dry film thickness	5mm
No. of components	3
Mixing ratio (by weight)	2.6 : 1 : 28 Part A : B : C
Pot Life	20mins @ 29°C
Temperature resistance	60°C

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## MAINTENANCE

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

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## STORAGE CONDITIONS AND SHELF LIFE

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

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## PACKAGING

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31.24 kg set

Comprises of: Delta Starite 115QS Part A – 2.34 kg  
Delta Starite 115QS Part B – 0.90 kg  
Delta Chemtop 217 Part C – 28 kg

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## SAFETY

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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 (Discoloration)
Acetic Acid (25%)	Faint mark (Discoloration)
Acetic Acid (40%)	Faint mark (Discoloration)
Acetic Acid (99%)	Faint mark (Discoloration)
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%)	Severe mark (Blistering)
Formic Acid (70%)	Severe mark (Blistering)
Formic Acid (90%)	Severe mark (Blistering)
Formic Acid (99%)	Severe mark (Blistering)
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%)	Very faint mark (Stain)
Nitric Acid (65%)	Faint mark (Stain)
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%)	Faint mark (Stain)
THF (99%)	No effect
Toluene (99%)	No effect
Distilled Water	No effect
White Spirit	No effect
Xylene (99%)	No effect