



DELTA PU 20H

Water Based Modified PU Waterproofing for RC & Metal Roof



DESCRIPTION

A highly flexible, single component, water based modified polyurethane which is used together with reinforcement fabric to provide a liquid-applied waterproofing system for RC and metal roof.

USES

- ❖ For waterproofing of RC roof, metal roof, flashing, cappings, gutters, and other ancillary areas.

BENEFITS

- ❖ Good UV resistance.
- ❖ Flexible and elastic.
- ❖ Non-toxic.
- ❖ Capable of bridging cracks.
- ❖ Seamless.

COLOR

Light Grey



FINISH

Matt

TECHNICAL AND APPLICATION DATA

Solid Content	Approx. 70%
Elongation (ASTM D2370)	>400%
Tensile Strength (ASTM D2370)	1.67 N/mm ²
Recommended dry film thickness	1.5mm
No. of coats	4 coats + reinforcement fabric
No. of components	1
Cleaner	Water

PACKAGING

- ❖ 20 lit/pail

SURFACE PREPARATION

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

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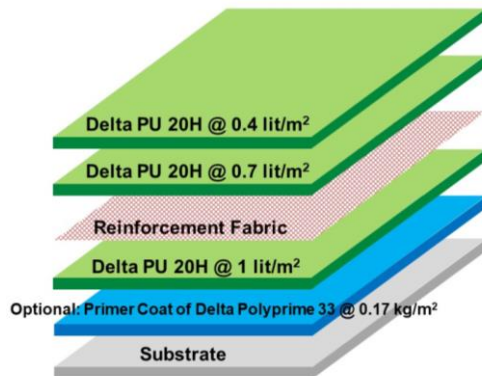


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APPLICATION

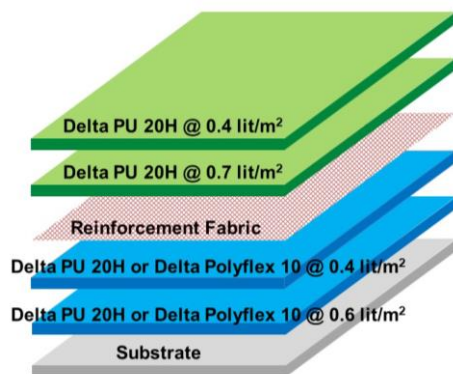
For Metal Roof:



- ❖ First coat of Delta PU 20H @ 1lit/m².
- ❖ Embed 1 layer of reinforcement fabric.
- ❖ Second coat of Delta PU 20H @ 0.7lit/m².
- ❖ Final coat of Delta PU 20H @ 0.4lit/m².

Note: Optional primer coat of Delta Polyprime 33 @ 0.17kg/m² for substrates that show signs of corrosion.

For RC Roof:



- ❖ First coat with Delta PU 20H or Delta Polyflex 10 @ 0.6lit/m².
- ❖ Second coat with Delta PU 20H or Delta Polyflex 10 @ 0.4lit/m².
- ❖ Embed 1 layer of reinforcement fabric.
- ❖ Third coat with Delta PU 20H @ 0.7lit/m².
- ❖ Final coat with Delta PU 20H @ 0.4lit/m².

Mixing – Stir well using a slow speed power mixer (300-500rpm).

Tools – Applied by brush, lamb wool roller.

Recoating time – Interval between coats: 3 hours.



STORAGE CONDITIONS AND SHELF LIFE

All components of Delta PU 20H 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.

MAINTENANCE

Wash regularly with water, do not allow plant growth.

SAFETY

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