



DELTA STARLITE 116

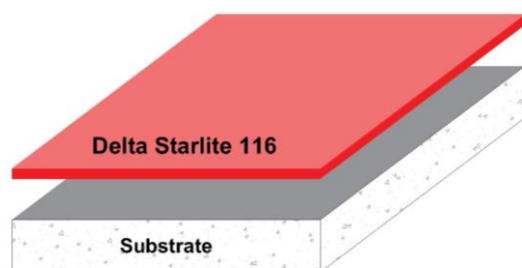
Solvent-Free Epoxy Primer for Wet/Dry Concrete Surfaces



DESCRIPTION

A two-component, solvent-free, wet/dry concrete and cementitious screed adhesive/epoxy screed primer.

SYSTEM DESIGN



USES

- ❖ For bonding new (plastic) concrete or screeds to existing hardened concrete in non-load bearing applications.
- ❖ For priming of concrete and screeds prior to overcoating with resin toppings.
- ❖ As a primer for most Delta Flooring System.

BENEFITS

- ❖ Adhesion of interfaces of wet/dry concrete, screeds or toppings.
- ❖ Excellent bond adhesion, even to green concrete.
- ❖ Can be applied to damp (no standing water) surface.
- ❖ Good penetration.
- ❖ **HACCP certified to Singapore Standard** for use in facilities covered by HACCP accreditation

FINISH

Low sheen, not to be laid as a final finish.

COLOUR

Light Amber.

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 P/L.



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APPLICATION

- ❖ Primer coat of Delta Starlite 116 @ 0.25kg/m².

Note: For very porous substrate, a second coat of Delta Starlite 116 may be required.

Mixing – Before mixing, stir Part A, then mix Part A and Part B thoroughly for 2 minutes, using a slow speed power mixer (300 – 500 rpm).

Tools – Applied by stiff-bristle brush or short mohair roller.

Recoating time – Interval between coats: 8 hours.
Maximum recoating time: 24 hours.

TECHNICAL AND APPLICATION DATA

Pull-Off Strength on concrete (ASTM D4541:2009)	Damp surface: 2 N/mm ² Dry surface: 2.9 N/mm ²
Water permeability DIN 1048 Part 5:1991	No water penetration
Heat deflection temperature	43°C
Linear co-efficient of shrinkage on cure	0.002
Compressive Strength @ 7 days	49N/mm ²
Tensile strength @ 7 days	42N/mm ²
Elongation at break	6%
Flexural strength	68N/mm ²
Flexural rupture deflection	4.3mm

Recommended dry film thickness	125μ
No. of coats	1
No. of components	2
Mixing ratio	1.56 : 1 by weight of Part A & Part B
Pot Life	25 mins @ 29°C

STORAGE CONDITIONS AND SHELF LIFE

All components of Delta Starlite 116 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.

PACKAGING

- ❖ 2.56 kg set comprises of: Part A – 1.56 kg
Part B – 1 kg

SAFETY

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