



DELTA STARLITE 1001 AS PRIMER

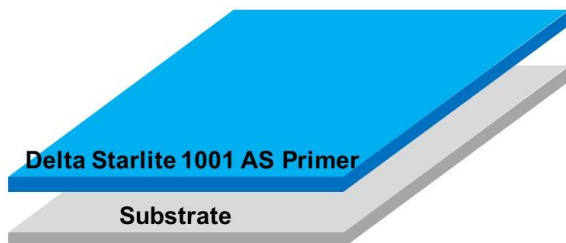
Anti Static Water Based Epoxy Primer



DESCRIPTION

A two component water dispersed epoxy coating filled with conductive filler for primer.

SYSTEM DESIGN



COLOR

Black

FINISH

Semi-gloss

BENEFITS

- ❖ Eliminates static charge built up from personnel and vehicles.
- ❖ Easy to apply.
- ❖ Excellent adhesive.
- ❖ Solvent free - makes application in confined places bearable.
- ❖ Less sensitive to moisture during application.
- ❖ Odourless.
- ❖ Meets BS 2050 anti-static requirements.
- ❖ HACCP certified for use in facilities covered by HACCP accreditation



USES

- ❖ To provide a conductive primer prior to anti-static topping and coating.
- ❖ For use as an anti-static primer in facilities where there is a need to limit the built up of static charges.
- ❖ Typical applications include electronic, pharmaceutical, clean room environment, flammable solvent handling areas, powder explosion risk area.

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.

Delta Intercontinental Pte Ltd
38 Woodlands Industrial Park E1, #06-04
Singapore 757700

Tel : +65 6219 0700 Fax: +65 6219 2822
Email : deltaintercon@singnet.com.sg
Website : www.deltaintercon.com.sg



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APPLICATION

- ❖ Primer coat of Delta Starlite 1001 AS Primer @ 0.20kg/m².

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 brush, short nap epoxy roller or airless or conventional sprayer.

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

TECHNICAL AND APPLICATION DATA

Bond Strength	1.5N/mm ²
Water Absorption (Korstner test method)	0%
Abrasion Resistance (C&CA Abrasion as per BS 8204)	<0.05mm
Impact Resistance (BRE screed tester)	<0.5 mm
Decontamination Classification (as per BS 4247 Part 1 Test A)	Good
Conductivity	10 ² - 10 ³ Ω
Foot Traffic	24 hours @ 20°C
Vehicle Traffic	24 hours @ 20°C

Recommended dry film thickness	125μ
No. of coats	1
No. of components	2
Mixing ratio	4.2 : 0.8 by weight of Part A & Part B
Pot Life	45mins @ 29°C

Temperature resistance	55°C
Cleaner	Water

STORAGE CONDITIONS AND SHELF LIFE

All components of Delta Starlite 1001 AS Primer 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 10°C to 35°C. Protect from frost.

PACKAGING

- ❖ 5 kg set.
Comprises of: Part A - 4.2 kg
Part B – 0.8 kg

SAFETY

Always use with suitable personal protective equipment. For more information on safety, refer to the product safety data sheet.