

PRODUCT TECHNICAL INFORMATION
ITA/ATEXP/501
Rev. 1 – 16/02/10

PARATHANE EPOXY PRIMER

TWO COMPONENTS EPOXY PRIMER

CLASSIFICATION:

Two components waterborne epoxy resin.
Class EEC n° 2505/92: 3208 90 91.



SCOPE OF APPLICATION:

Use as a primer for inside and outside applications on a variety of substrates. On concrete, the primer can be used on a damp surface (< 25% of RH).
Mixed with silica, PARATHANE EPOXY PRIMER can be used as an epoxy mortar to fill up large holes, crevices or cracks.
In two coats, the primer may be used as vapour barrier.

TECHNICAL CHARACTERISTICS:

➤ **Part A : Bis phenol epoxy :**

Transparent liquid
Density: 1.16 at 20°C
Viscosity: 700 to 11000 mPa.s at 25°C

➤ **Part B: Polyamines:**

Amber liquid
Density: 1 to 1.12
Viscosity: Thick liquid.

➤ **Mix B +A :**

Mix ratio: 1 : 3 by weight or volume
Aspect: satin liquid
Density: 1.0
Viscosity: 3000 mPa.s at 20°C
Dry content: 100%
Adherence: > 3 Mpa on concrete (EOTE A –ETAG 005 specification >0.5 Mpa)
Free of VOC.

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APPLICATION:

Put component B into the can of component A, and mix thoroughly with a mechanical stirrer. The mix is a viscous liquid and in some cases can be diluted with 5 to 30% maximum of potable water.

PARATHANE EPOXY PRIMER is applied by roller, brush, squeegee or airless spray.

As an epoxy mortar, with the incorporation of dry silica use a trowel to apply.

CONSUMPTION:

As a primer 0.100 kg/m² to 0.300 kg/m², with one or two layers, depending of the nature, quality and porosity of the substrates.

As vapour barrier > 0.700 kg/m² in two layers.

APPLICATION CONDITIONS:

Minimum temperature: > +10 °C

Maximum temperature: < 35 °C

Relative Humidity: < 80 %

Coating: the delay after application is a maximum of 48 hours at 20°C and 60 % RH.

DRYING CONDITIONS:

At 20°C and 60% RH and for a 100µ dry film:

- Open time: 60 mn
- Dust free: 4 hrs
- Touch dry: 8 hrs
- Complete curing: 7 days

CLEANING:

Clean the materiel in a first stage with water and after with PARATHANE SOLVENT, xylene, ketone or M.E.K

PACKAGING/STORAGE:

PARATHANE EPOXY PRIMER is supplied in 4 kg kit = 3.0 kg + 1.0 kg (A+B) or 20 kg kit = 15.0 + 5.0 kg (A + B)

Cans should be stored in a dry and cool environment. Maximum shelf life is 12 months (in original full and sealed cans)

Protect the product against moisture, direct sunlight and extremes of temperature.

Storage temperature: 5°C to 35°C.

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HEALTH & SAFETY:

PARATHANE EPOXY PRIMER contains epoxydic products. See Health & Safety information supplied by manufacturer.

Solvent free.

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