

PRODUCT TECHNICAL INFORMATION

ITA/ATEXP/476

Rev. 1 – 15/07/10

PARATHANE PRIMER

ONE COMPONENT POLYURETHANE PRIMER

CLASSIFICATION:

Solvent based one component polyurethane resin. Class EEC n°2505/92: 3208 90 91

SCOPE OF APPLICATION:

Use as primer for inside and outside applications on a variety of supports:

- Cement and concrete
- Ferrous and non-ferrous metals
- Woods
- Old resin coatings

TECHNICAL CHARACTERISTICS:

- Density: 0.98 (ASTM D1475)
- Viscosity: 90 mPa.s at 20°C (ASTM D1200)
- Dry content: 50% in volume
- Hardness: >95 Shore A (ASTM D2240)
- Elasticity: >10% (ASTM D412)
- Service temperature: -40°C to 100°C
- Abrasion resistance: excellent
- Aspect: satin/gloss
- VOC content : 488 g/l



APPLICATION:

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

Mix thoroughly the product before application. Dilution of the primer is forbidden

COMSUMPTION:

As primer 0.100 kg or L/m² to 0.250 kg or L/m², with one or two layers depending of the nature, quality and porosity of the supports.

APPLICATION CONDITIONS:

Minimum temperature: > 0°C

Maximum temperature: < 40°C

Relative Humidity: < 90%

The surface of the substrate should be dry and at least +3°C above the dew point.

Coating: the delay after application is a maximum of 12 hours at 20°C and 60% RH.

DRYING CONDITIONS:

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

- Dust free: 2 hrs
- Touch to dry: 4 hrs
- Walk ability: 8 hours
- Complete curing: 5 days

CLEANING :

Clean the materiel with xylene, ketone or M.E.K

PACKAGING/STORAGE :

PARATHANE PRIMER is supplied in 1, 5 or 20 kg cans.

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.

PARATHANE PRIMER is flammable and must be stored away from sources of ignition.

HEALTH & SAFETY:

PARATHANE PRIMER contains isocyanates. See Health & Safety information supplied by manufacturer.

Contains xylene. Flammable Keep away from fire sources.

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