

PRODUCT TECHNICAL INFORMATION

ITA/AATEXP/499

Rev. 01 – 16/02/10

PARATHANE FINISH UV CLEAR

ONE COMPONENT POLYURETHANE RESIN

CLASSIFICATION

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



SCOPE OF APPLICATION

PARATHANE FINISH UV-CLEAR is a finish layer, coloured or clear or where colour demarcated walkways are required.

PARATHANE COLOUR is mixed thoroughly with PARATHANE FINISH UV-CLEAR when a coloured finish top coat is required.

The UV-CLEAR is applied when mechanical, chemical or high UV resistance are required.

The addition of PARATHANE CORINDON FINE GRANULES offers a tough, anti-skid surface.

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: >30% (ASTM D412)
Service temperature: -40 to 100°C
Abrasion resistance: excellent
Chemical resistance: very good
Aspect: satin/gloss
VOC content : 567 g/l
UV resistance: >2000 hrs QUV (ASTM G53)

APPLICATION

PARATHANE FINISH UV-CLEAR is applied by roller or brush.

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

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CONSUMPTION

As finishing: 0.10L/m² to 0.20L/m², with one or two layers according to the system requirements.

APPLICATION CONDITIONS

Minimum temperature: > 0°C

Maximum temperature: < 40°C

Relative Humidity: < 90%

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

DRYING CONDITIONS

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

- Dust free: 2 hrs
- Touch dry: 5 hrs
- Walk ability: 12 hrs
- Complete curing: 5 days
- The maximum delay between two coats is 48 hrs maximum.

CLEANING

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

PACKAGING/STORAGE

PARATHANE FINISH UV-CLEAR is supplied in 4kg cans.

Cans should be stored in a dry and cool environment. Maximum shelf life is 6 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 FINISH UV-CLEAR is flammable and must be stored away from sources of ignition.

HEALTH & SAFETY

PARATHANE FINISH UV-CLEAR contains isocyanates. See Health & Safety information supplied by manufacturer.

Contains xylene. Flammable Keep away from fire sources.

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