

PRODUCT DATA SHEET – PU 63 PAINT

I. CHEMICAL BASE / APPLICATIONS

Weather- and UV-resistant polyurethane resin-based finish with solvent.
The product is elastic and abrasion resistant.
Anti-slip formula suited to playground surfacing.

II. PRODUCT PROPERTIES

	POLYOL	ISOCYANATE
Density g/cm ³ – 20°C DIN 53217	1.13	1.07
Dry. viscosity – 20°C DIN 4mm cut	45 – 80	Mix
Mixing ratio	100	20 (in weight)

Colours

- Red
- Yellow
- Green
- Orange
- Blue
- Others to order

Pot life

Approximately 3 hours at 20°C. The pot life may be reduced by increasing the temperature of the components.

III. POLYMERIZATION

The paint dries by evaporation of the solvent phase and by chemical reaction between the polyol and the isocyanate. At 20°C, the hardening profile is as follows:

Dust dry	1 to 5 hours
Tack free	2 to 3 hours
Suitable for circulation	12 hours
Intensive use	3 to 5 days

IV. RECOMMENDATIONS FOR USE

In order to ensure optimal adhesion, the surface must be clean and dry, and free from any oil or grease.
The hardener B must be carefully mixed with the component A according to the mixing ratio.
Ground and air temperature should not fall below + 10°C during polymerization.
Only spray on with AIRLESS-type spraying equipment.

V. CONSUMPTION

Approximately 0.300kg per coat. The exact quantities depend on the type of base.
Two crossed coats are necessary.

Models, drawings and names are registered. No copy or reprography is permitted without prior written authorization.
This manual was reviewed in February 2016 and may be updated; please make sure this is the latest version.

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VI. PRECAUTIONS

Wear personal protective equipment.

Take general protection and hygiene measures:

Keep away from food products, drinks and animal feed. Wash hands before each break and when the work is finished.

Respiratory protection:

In the event of minor or short exposure, wear a filter mask. In the event of intense or long exposure, use a breathing device independent of the ambient air.

Wearing a breathing mask is compulsory in insufficiently ventilated premises or in case of spraying.

Fresh air mask or, for short duration work, combined filter mask A2 – P2.

Protect hands by wearing PVC gloves.

Protect eyes by wearing airtight protection glasses.

Protect the body by storing work clothes separately.

Wash hands at each break and when the work is finished.

The colour of the PU 63 coating to be applied must be identical to the colour of the tiles to be restored. (Do not apply green PU 63 onto a red tile).

Please read the safety sheet before use.

VII. OTHER INFORMATION

Packaging

Kits of 4.8kg (4kg / A + 0.8kg / B) or 24kg (20kg / A + 4kg / B)

Storage

The components must be protected from moisture and stored at a temperature higher than + 5°C.

Ideal storage temperature: between 15 and 25°C.

Stability

Between 15 and 25°C, products can be kept for at least 6 months.

Once opened, products should be used quickly.

Note

Our advice on technical applications is given without any guarantee whatsoever.

Buyers of our products are responsible for their application or their transformation, even as regards any third party rights.

Manufactured by COURTSOL

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