

I. CHEMICAL BASE / APPLICATIONS

Single-component polyurethane which hardens with the humidity of the air.

Polyurethane binder with permanent flexibility.

Formula adapted to the creation of children's playgrounds in sensitive colours (white, blue, grey, etc...)

It is stable to UV rays.

Density [g/cm³] at 20°C DIN 53217	1,07
Viscosity [mPa.s] at 20°C DIN 53018/1+2	about 5 000
Reactivity at 23°C DIN 16945/1 [agglomerate 18 % / 10 mm]	HR>45 % 9 – 10 hours

II. HARDENING

The process starts at ambient temperature by a reaction with water vapour or with atmospheric humidity. A higher temperature and a high humidity rate shorten the setting time.

Total hardening time is between 3 and 5 days.

Practicable 15 to 24h after the laying.

During the hardening, the temperature should not fall below + 10°C.

The use of 962 Catalyst is highly recommended, to allow a faster hardening reaction.

III. APPLICATION

Consumption: 20 % of the EPDM weight (20 kg of PU97 binder for 100 kg of EPDM).

For playgrounds and safety floors, the rubber granules must be mixed for at least 3 to 5 minutes in a suitable mixer.

The end quality of the surface laid will also depend on the right choice of EPDM and SBR aggregate to be used. Non-compatible aggregate can affect or even prevent the drying process.

That is why we recommend to use FC 83 Rubber granulate (SBR) and FC135 EPDM as a perfect combination.

You must therefore make sure that the rubber granules are fully compatible with the binder, that they are dry before use and have consistent particle size, i.e.:

- A low rate of dust
- The lowest possible percentage of fines

Important note for the laying of playground surfaces:

PU 95 consists of aromatic polyisocyanate the colour of which can be affected by light.

The film is not therefore UV-resistant and can have an effect on the colour when using light-coloured EPDM granules.

IV. RECOMMENDATIONS FOR USE

A primer must be applied depending on the type and state of base.

For safety recommendation: refer to the safety datasheet.

Models, drawings and names are registered. No copy or reprography is permitted without prior written authorization.
This manual was reviewed in August 2018 and may be updated; please make sure this is the latest version.

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V. PACKAGING

25 kg can – Barrel of 110 kg – Barrel of 220 kg

VI. STORAGE

The product must be protected from humidity and stored in a temperature between + 10°C to + 30°C.

Storage time: 6 months

The open product must be used quickly.

Made by Stockmeier Urethanes France SAS

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