

Technical Datasheet

PC 31-020

Single component PUR Binder



PC 31-020

is a single-component, solvent free MDI-based polyurethane prepolymer. PC 31-020 is designed for the production of elastic rubber granule surfaces at children playgrounds.

Density	@ 23 °C	1.10 g/cm ³
Viscosity	@ 23 °C	2600 ± 500 mPas
Colour		Yellowish
Cure Time	@ 20 °C; 50 % relative humidity	12 to 14 hours
Humidity		40 – 90 %
Processing temperature		8 – 40 °C

Installation guidelines

The surface to be coated must be clean, dry and free of oil, grease, dirt and foreign residue. To obtain optimum adhesion of surface and coating we recommend using a primer (e.g. PC 11-010).

Use PC 31-020 as supplied and mix it with dry rubber granules as follows:

- 20 parts per weight PC 31-020
- 100 parts per weight rubber granules

This mixture is designed for manual application.

Cure time

The cure time varies with temperature and humidity. High temperature and high humidity will decrease cure time while low temperature and low humidity will increase it.

Safety guidelines

Smoking and open light is strictly prohibited during the application process. Adequate ventilation or use of a respirator is required in enclosed spaces. Wear approved eye protection and gloves during application.

Should contact occur with eyes or skin, wash thoroughly with soap and water. If irritation persists, obtain medical attention.

Packaging

20 kg pail or 210 kg drum

Storage

Store PC 31-020 in a dry and cool place. Shelf life of product stored in unopened original containers is 6 months. Protect contents against moisture and frost. After prolonged storage, examine the suitability of PC 31-020.

Close opened containers carefully, protect contents against moisture and use as soon as possible.