

Technical Datasheet:

PC 31-060

Single-component PUR Binder



PC 31-060

is a one component, solvent less MDI/TDI-based prepolymer with low viscosity. PC 31-060 is developed for installation of rubber granule sport surfaces and children playgrounds at low temperatures. PC 31-060 cures under the influence of moisture.

Typical properties

Density	@ 23 °C	1,06 ± 0,03 g/cm ³
Viscosity	@ 23 °C	1600 ± 400 mPas
Colour		Opaque brown
Cure Time	@ 10 °C; 50 % relative humidity	8 - 10 hours
Processing temperature		5 – 15 °C

Installation guidelines

The surface to be coated must be clean, dry and free of oil, grease, dirt and foreign residue. Mix rubber granules and binder PC 31-060 in a mixer for 3-5 minutes. To achieve optimum adhesion between asphalt and granular covering a previous priming with PC 11-010 is necessary. Please ensure adequate compaction of granular covering when processing. Seams shall be compacted by means of additional smoothing trowel.

Cure time

PC 31-060 is developed for installation of rubber granule sport surfaces at low temperatures (from 5 °C). It is possible but not recommended to process at temperatures over 15 °C as the cure time of the product will be decreased.

At temperatures below 5 °C the cure time will be significantly increased.

Safety guidelines

Adequate ventilation or use of a respirator is required in enclosed spaces. Avoid inhalation of the vapours, because Isocyanate could irritate mucous membranes. We recommend approved eye protection and gloves during application.

For the cleaning of the equipment, we recommend Polycomp cleaner (PC 11-040 – Butyl acetate).

Packaging

210 kg drum

Storage

Store PC 31-060 in a dry and cool place. Shelf life of product stored in unopened original containers is 6 months, contents must be protected against moisture. After prolonged storage the suitability of PC 31-060 needs to be examined.

Open containers have to be closed carefully, protected against moisture and used as soon as possible.