

Technical Datasheet:

PC 31-033

1K-PUR Binder

polycomp



PC 31-033

is a one component, medium viscosity, and solvent free polyurethane binder with a high colour fastness. PC 31-033 is designed to produce elastic fall protection surfaces where light fast properties are required.

Density	@ 23°C	1,1 g/cm ³
Viscosity	@ 23°C	3.800 mPa s ± 800 mPa s
Colour		clear
Cure Time	@ 23 °C; 60% relative humidity	approx. 25 hours
Humidity		40 – 75 %
Processing temperature		15 – 30 °C
NCO-Value		9,5% ± 0,5%

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 use of a primer (e.g. PC 11-010) is recommended.

PC 31-033 is ready for use as supplied and should be mixed with dry rubber granules as follows:

- 20 parts per weight PC 31-033
- 100 parts per weight rubber granules

A slight initial change in colour is quite normal and possible but should disappear after a certain period of use.

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. At temperatures below 15 °C the cure time will be significantly increased. If you wish a faster curing we recommend adding PC 11-030 (activator) at the jobsite.

Safety guidelines

Do not use PC 31-033 near flame or open light. Adequate ventilation is required during the application process. Approved eye protection and gloves are recommended during application.

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

Packaging

20-kg-pails, 210-kg-drums

Storage

PC 31-033 should be kept 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 31-033 needs to be examined.

Containers that have already been opened should be carefully closed, protected against moisture and consumed quickly.