

CONIPUR 107

One Component Solvent Free PUR Adhesive

Product description

CONIPUR 107 is a thixotropic, moisture curing single component PUR adhesive.

Fields of application

CONIPUR 107 has been developed for the installation of artificial turf pitches. This product is suitable for bonding of

construction joints and line markings on special seaming tapes.

Properties

CONIPUR 107 cures with humidity and is slightly foaming. The foaming depends on the consumption as well as on the climatic conditions.

The mechanical properties of CONIPUR 107 are excellent.

Technical data

Density		g/cm ³	approx. 1.08
Viscosity	at 23 °C	mPas	approx. 11000
Substrate and application temperature	minimal	°C	5
	maximal	°C	40
Humidity	maximal	%	100
Above figures are guide values and must not be used as a base for specifications.			

Application method

CONIPUR 107 is a single component adhesive and is being used without any pre-mixing.

After folding back the prepared turf pitch, the product is applied onto the **dry** seaming tape with a toothed trowel or specially designed equipment, then sprayed with water by using a nozzle for gardening.

Special attention during **summer** season: ensure that enough water is sprayed and does not evaporate before it can react with the adhesive.

Afterwards the turf is laid onto the fresh adhesive. Then **press** the joints immediately **firmly** by using a roller and repeat the procedure once the foaming started, usually 15 - 30 minutes (depends on the temperature and weather conditions) after the application.

Repeat rolling the joints until the adhesive is fully cured.

In order to control the foaming of the adhesive, the applied **quantity** of CONIPUR 107 is most important and must be within the range of 180-220 g/m (application width 25 cm on a 30 cm wide seaming tape). This corresponds to 720-880 g/m². The applied quantity must be adjusted to the structure of the carpet backing.

Avoid higher application **quantities** to avoid a foaming that results in irregular visible joints

CONIPUR 107 can be applied even under moderately rainy conditions at low temperature.

Lower temperatures will decrease the chemical reactivity – therefore extend the reaction – and curing time. Higher temperature will accelerate foaming and curing and therefore reduce the application time.

Cleaning agent

Re-usable tools must be cleaned carefully with CLEANER 40 or other suitable solvents (e.g. butyl acetate). Never use water or alcoholic solvents as cleaners!

Substrate condition

The selected tapes must be dry and suitable for the use with polyurethane adhesives.

If necessary, **adhesion tests** must be conducted.

The **temperature** of the **substrate** must be at least **3 °C** above the current dew point temperature.

CONICA offers also two types of joint tapes: CONIBOND T and CONIBOND T+.

Pack size

CONIPUR 107 is supplied in 20 kg pails.

Colour

green

Storage

Store in unopened cartridges, under dry conditions at a temperature range of 5 - 25 °C.

Do not expose to direct sunlight

Before use, please see "best before" date on the pail / drum.

Safety precautions

CONIPUR 107 is non-hazardous in its cured condition.

For protective measures, transport regulations and waste management please refer to the Material Safety Data Sheet of the product.

CONIPUR 107 meets the requirements of the EC directive 2004/42/EC.