



TECHNICAL DATA

MITOPUR 1530

two component polyurethane adhesive for gluing artificial grass

DESCRIPTION

MITOPUR 1530 is a two component elastic, solvent-free polyurethane reactive adhesive for gluing artificial grass on any kind of subfloor. Joint is elastic, resistant to water and to temperatures in range between -40°C and $+80^{\circ}\text{C}$, therefore it is suitable for indoor and outdoor use.

FIELDS OF APPLICATION

Adhesive is using for gluing artificial grass, rubber and PVC on any kind of subfloor: concrete, asphalt, anhydrite, wooden and other surfaces. Adhesive is suitable for indoor and outdoor use.

CHARACTERISTICS

Chemical base:	two component polyurethane adhesive
Colour:	beige
Viscosity of the mixture:	tixotropic adhesive
Mixing ratio by weight A : B	6 : 1
Open time at 20°C and 50-65% RAH:	approx. 180 minutes
Spread quantity:	
• Notched trowel B3	600 – 800 g/m^2
• Notched trowel B11 (23/48)	800 – 1200 g/m^2
Pot life:	45- 60 minutes, for the quantity 14 kg (12 kg A + 2 kg B) at the room and adhesive temperature $20-25^{\circ}\text{C}$. Higher temperatures and bigger quantities of adhesive shorten hardening and pot life.
Acceleration of reaction:	by adding catalyst Mitopur K95

APPLICATION

Preparing of subfloor

The surface must be sufficiently smoothed, dried, sound and clean. On very porous, and not compact screed a skim coat of dispersion primer Parketolit PR15 is recommended. On very porous, not compact screed and on surfaces with residual moisture content from 2 to 4 CM%, a coat of polyurethane primers Parketolit PR51 or Parketolit PR50 should be applied. Respect instructions for using primers. We do not advice using others untested primers.

Preparing of adhesive and gluing

Dose the components in the correct mixing ratio and mix very well until a uniform colour is reached. Apply the adhesive with notched trowel on the subfloor within pot life. Coverings should be laid, rolled in adhesive open time and weighed down if necessary until adhesive is hardened. Floors can be walked after 24 hours.

The most convenient working conditions:

Temperature:	20- 25°C (still allowed $+2^{\circ}\text{C}$ do $+30^{\circ}\text{C}$)
Relative air humidity (RAH)	50-65%
Moisture of concrete floors	max. 3% by gravimetric method max. 2% by carbide (CM) method
Moisture of wooden floors and the parquet	8 - 12%

Hardening time of the adhesive can be shortening by adding catalyst Mitopur K95. Catalyst should be dosed into component A and mixed well by rotation mixer, then component B should be added and mixed until uniform colour. One cover of plastic bottle of catalyst – approx 12g/14kg of adhesive shorten hardening time of the adhesive for approx. 1/3. Testing of each batch of the adhesive is recommended.

CLEANING

Hardened adhesive is chemically resistant, therefore cleaning of tools (mixers, notched trowels) and rests of adhesives from floor covering surface very hard to clean.

Cleaning is sufficient when the adhesive is still fresh and unhardened. Unhardened adhesive can be removed mechanically with rag or paper and thinner Mitosol S50.

Before using thinner Mitosol S50, testing of floor covering surface is recommended.

Using of protective gloves (neoprene, nitrile butadiene or butyl rubber, PE) are recommended.

Hardened product, is not hazardous to health or the environment if is used in correct mixing ratio.

PACKING

Mitopur 1530 – 14kg (12 kg A + 2 kg B, in complete)

STORAGE

In well-closed original closed packing at a temperature between +5°C to + 25°C. Protect from wet! The shelf life of the correctly stored product is 18 months.

The information provided herein, especially recommendations for the usage and application of our products, is based on our knowledge, results of laboratory tests and practical experience gained to date.

We guarantee a constant quality of our products under our technical specifications. Technical advice of our application department is available without obligation. This does not release the buyer from testing our products in his own responsibility with respect to their suitability for intended application and application process. Such an evaluation should be repeated if materials are changed in any way or bought from a different source.

We do not accept any liability with regard to above information or with regard to any verbal recommendation since different materials used in conjunction with our products as well as varying working conditions are beyond our control.