

EDITION: AUGUST 2024

PU GRASS 149

SYNTHETIC TURF ADHESIVE

GENERAL CHARACTERISTICS

PU GRASS 149 is a two-component polyurethane-based adhesive used with artificial grass.

PU GRASS 149 resists against humidity, water and most of the chemicals. Strong adhesive with its thixotropic properties.

TECHNICAL DATA

Mixing ratio:	90,9 : 9,1 (By weight)
Density (25°C):	1.70-1.80 kg/lit
Viscosity	8000-20000 mPas
Pot-life (25°C):	20-30 min.
Application temperature:	Min 10°C
Curing (25°C and %60 relative humidity):	6 - 9 hours
Color and odor:	Cream or green

PREPARATION-APPLICATION

Applied on dry surfaces without rising humidity issues, free of materials that might prevent bonding e.g. dust, loose particles, grease etc (in case of asphalt or concrete). The success in the application depends on the right preparation of the underlay and use of the material.

- **Good, dry** cleaning of the surface from dust and residues using vacuum cleaner and squeegees.
- It can be used indoors and outdoors for jointing the rolls of synthetic turfs with shore elastic and highly strength. **PU GRASS 149** is heat & weather resistant polyurethane material and it provides permanent adhesion.
- The resin component should be thoroughly stirred to incorporate any slight separation, whilst continuing stirring the contents of the hardener container should be added. Continue stirring until a homogeneous mix is obtained. The surface must be dry and clean. Applied with trowel on the seaming/joining tape.

CONSUMPTION

200-300gr/m²

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APPLICATION TOOLS

V - Notched trowels (3mm). Tools should be cleaned with **PU SOLVENT** immediately after use.



PACKAGING

Set of 15.



STORAGE

12 months in unopened containers in cool and dry places, out of sunlight, with minimum temperature 5°C and maximum temperature 30°C.

REMARKS

Substrate must be dry, clean, free from dust, grease and oil. Application must be done between 10°C and 30°C.

CAUTION

The application must take place in well-aired places using protective gloves. Skin or eye contact must be avoided, otherwise wash carefully with soap and water.

For more information consult the material safety data sheet.

The information given here is true, represents our best knowledge and is based not only on laboratory work, but also on field experience. However, because of numerous factors affecting results we offer this information without any guarantee and no patent liability is assumed. For additional information or questions, contact the technical department of KDF LTD.

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