

PU BINDER 1130AL 1K

POLYURETHANE, 1-COMPONENT, ALIPHATIC BINDER

GENERAL CHARACTERISTICS

PU BINDER 1130AL 1K is a 1-component aliphatic binder with low viscosity. It exhibits excellent adhesion to all rubber granules, combines and bonds EPDM rubber granules, cork, polyurethane granules and sponge particles, and gives a strong performance both in terms of tensile strength and durability.

It is mixed with **EPDM granules** for the creation of the elastic safety flooring **SAFEPOL MULTICOLOR** or other flexible rubber flooring, ideal for playgrounds, athletic tracks, schools etc.

TECHNICAL DATA

Density (25°C)	0,98-1,08 Kg/lit
Viscosity (25°C)	800-1300 mPa s
Pot-life (25°C)	30-60 min.
Curing (25°C and %60 relative humidity)	After 24 hours it cures.
Color	Transparent

PREPARATION- APPLICATION

- **Good, dry** cleaning of the surface from dust and residues.
- Good mixing of the **PU BINDER 1130AL 1K** and **EPDM 856** and application of the mixture using paving machine or by hand if the applicator is experienced, with rake for spreading, (wooden) straightedge for initial smoothing, flat metal trowel for final smoothing and compacting, cylinder weighing 8-15kg for final compacting (cylinder should be cleaned repeatedly with diesel to remove stuck granules from its surface).

RATIO MIXTURE

20% **PU BINDER 1130AL 1K** and 80% **EPDM 856**, for sports flooring or playground systems

APPLICATION TOOLS

For the mixture **PU BINDER 1130AL 1K** and **EPDM 856**: paver machine or rake, straightedge, flat metal trowel, cylinder weighing 8-15kg.



KDF - Kataskeves Dapedon LTD
e : exports@kdf.gr w : www.kdf.gr

Headquarters/Showroom Office
19th km National Road Thessaloniki-Moudania
57001, Neo Rysio, Thessaloniki, Greece
t / f : +30 2310 829598

PACKAGING

15 Kg



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

- Concrete humidity should not be above 4%, ambient humidity should be at least 40% and most 80%. To begin the application, must wait for the appropriate humidity.
- Working time of **PU BINDER 1130AL 1K** decreases when ambient temperature rises.
- Prolonged storage of partially used containers containing **PU BINDER 1130AL 1K** must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.

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 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.

KDF - Kataskeves Dapedon LTD
e : exports@kdf.gr w : www.kdf.gr

Headquarters/Showroom Office
19th km National Road Thessaloniki-Moudania
57001, Neo Rysio, Thessaloniki, Greece
t / f : +30 2310 829598

