

PU PRIMER 870

TRANSPARENT, ONE COMPONENT, POLYURETHANE-BASED PRIMER, USED AS AN ADHESIVE COMPONENT FOR SAFEPOL MULTICOLOR 859

GENERAL CHARACTERISTICS

POLYURETHANE PRIMER 870 is a clear, polyurethane-based, one-component resin, which is used as an adhesive component between the sub-floor and **SAFEPOL** as well as between **SAFEPOL** and **SAFEPOL MULTICOLOR**.

- Penetrates in depth.
- Ideal for old and new surfaces.
- Improves adhesion of **SAFEPOL MULTICOLOR 859** on cement and asphalt surfaces and even on well-stepped, clean and dry gravel.

TECHNICAL DATA

Basis:	one-component polyurethane
Appearance:	liquid
Color:	transparent
Viscosity:	135 ± 5mPa•s at 23°C
Density:	1,049 ± 0,002 gr/cm ³
Temperature for the application and drying of the material:	12 – 35°C
Adhesive strength:	> 3 N/mm ² (breaking of concrete)

PREPARATION-APPLICATION

Applied on dry surfaces, 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.
- Priming of the surface with **POLYURETHANE PRIMER 870** in two layers. Consumption: 250-400 gr/m², depending on the absorption of the underlay. It is recommended that the second layer should be applied in sections each time, right before the application of the **SAFEPOL** mixture, in order to ensure proper adhesion.
- After application and hardening of **SAFEPOL** follows priming of the surface with **POLYURETHANE PRIMER 870** in one layer. Consumption: 200 gr/m². Similarly the primer is applied in sections of the underlay right before the application of **SAFEPOL MULTICOLOR** for the proper adhesion.

CONSUMPTION

200-400 gr/m² in two layers depending on the type and the absorbency of the underlay.

APPLICATION TOOLS

Nappy rolls, brushes. Tools should be cleaned with **POLYURETHANE SOLVENT 133** immediately after use.

PACKAGING

Supplied in drums of 4 Kg.

STORAGE

8 months in unopened containers in dry and cool conditions.

REMARKS

- Working time of **POLYURETHANE PRIMER 870** decreases when ambient temperature rises.
- Prolonged storage of partially used containers containing **POLYURETHANE PRIMER 870** must be avoided as contact with atmospheric moisture will result in skinning and clouding of the product.
- Our recommendation is that the asphalt subfloor should be applied on well compacted 150 mm road base subfloor and asphalt should be laid in one layer (and not 2) in 6 to 8 cm with fine and coarse aggregates (up to 15mm granulometry) like the kind of asphalt used in road construction.
So, new road-grade asphalt will have to be laid (minimum 60mm) in one layer containing coarse aggregates and then mature for 30 days at least, before any application takes place on top of the asphalt to avoid bubbles on the final layer of the sport or rubber floorings.

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.