

## POLYURETHANE PRIMER ONE-COMPONENT 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 ± 5 mPa•s at 23°C                        |
| Density:                                                    | 1,049 ± 0,002 gr/cm <sup>3</sup>             |
| Temperature for the application and drying of the material: | 12 – 35°C                                    |
| Adhesive strength:                                          | > 3 N/mm <sup>2</sup> (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/m<sup>2</sup>, 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/m<sup>2</sup>. 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/m<sup>2</sup> 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

At least 6 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.

## 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. Flammable before application.

**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.