

**FLOOR PU 750**  
**POLYURETHANE SELFLEVELLING**  
**ELASTIC COATING**

**PRODUCT DEFINITION**

**Twin component, polyurethane based elastic self-levelling coating**

**AREAS OF USE**

Used as flexible floor coating in all industrial areas where sanitation is desired such as hospitals, schools, offices, sport facilities, shopping malls, hotels, warehouses, freezing depots, reefer truck cases and food production facilities. Does not include any solvent, has a high mechanical and chemical resistance, tension and breaking strength.

**PRODUCT SPECIFICATIONS**

Type

TS EN 1504-2/ April, 2008 Principle 5 (PR): 5.1 Physical Strength / Surface Improvement Coating Application (C)

Color

RAL colors

Appearance

Semi Glossy

Discoloring can occur at the places where it is subjected to direct sunlight, but it does not affect the protection performance of the product.

Solid Matter by Weight, %

100

Density

A+B 1,40 gr/cm<sup>3</sup>

Usage Rate

A+B 1,200 kg / m<sup>2</sup> for 1 mm dry film thickness

Packaging

A Component: 17 kg B Component: 3 kg Total: 20 kg

Fire Point

>25 °C

Mixture Rate

5,6 / 1

Application Methods

Brush, Roller, Trowel

Mixture Life

30 minutes /25 °C

Shelf Life

1 year

Waiting Time Between Coats

8 hours/25 °C

Drying Time

8 hours/25 °C

Mechanical Strength

7 days

Shore A Solidity (7 days/ 25°C)

75

Abrasion Resistance (TABER)

223 mg TS 8103 EN ISO 5470-1:2002

Capillary Water Absorption and

0,001 (kg/m<sup>2</sup>.h ) TS EN 1062-3:2008

Water Permeability

Class II TS EN ISO 6272-1:2006

Impact Resistance

5 (N/mm<sup>2</sup>) TS EN 1542:2001

Tensile Rupture

Efl

Fire Reaction Class

Equipment Cleaning

Polyurethane Thinner

**SURFACE PREPARATION**

Before primer coat application, surfaces must be cleaned of oil, dust and dirt. Free particles on the surface, cement grout on concrete surfaces and other particles which prevent adhesion shall be cleaned.

**GRADA YAPI KİMYASALLARI VE İNŞAAT MALZEMELERİ ÜRETİM SAN. TİC. A.Ş.**

Merkez : Çınardere Mah.Akan Sokak No:13 Kat.2 3 Nolu Bölüm Pendik -İstanbul /TÜRKİYE

Telefon : +90 216 379 83 53 -52 Fax : +90 216 379 83 51

E-mail : info@grada.com.tr web : www.grada.com.tr

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**MIXTURE PREPARATION**

Being careful with the mixture ratios of A and B components, it must be mixed for at least 3-4 minutes with a low speed mixer until a homogenous mixture is obtained. Ready for application after mixing. Mixture shall be consumed within 25-30 minutes.

**COATING SYSTEM**

After a period of 24 hours following undercoating process, the surface shall be leveled with sanding and PU 145 shall be applied. The product shall be spread to the surface by using toothed trowel until the desired thickness is acquired in the surface; and the air in the surface shall be removed with spiked roller when the coating has reaches desired level. **In situations where high UV resistance is required, application of 0,150 - 0,200 kg of PURFLEX 926 protective coating per square meter is recommended.**

**- Products recommended for use under :**

- PRIMER S 110 Multi-Purpose Epoxy Primer
- PRIMER S 115 Solventless Epoxy Primer
- PRIMER S 120 Epoxy Primer for Humid Surfaces

**- Products recommended for use on :**

- PURFLEX 926 Polyurethane Matte Protective Paint
- PU TRANS 770 Transparent Protective Coating

**APPLICATION CONDITIONS**

Application shall be prevented if the application environment Temperature is outside +10 C° - +30 C° range.

Application shall not be performed in rainy and windy weather.

Water shall be prevented for at least 24 hours following the coating application.

Thinner products shall not be added to the product during application.

Relative humidity shall not exceed 80% during application.

**SAFETY**

This product is for professional use. Pay attention to the safety warnings on the package before use, see the product's Material Safety Know-How Index when needed. Do not inhale, avoid contact with skin and eyes, do not swallow, use proper work safety equipment. Take safety precautions for environment protection as well as fire and explosion danger. Apply in well ventilated areas.

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**TRANSPORTATION and  
STORAGE**

- The product must be stored in 5-35°C.
- The product must not be subjected to direct sun light.
- Opened product must be stored in its own package, with its lid firmly sealed and it must be consumed within maximum one week.

**NOTE**

GRADA reserves the right to make improvements/revisions on the product and this technical document in time. This Know-How Index renders invalid the Know-How Indexes published before, and is valid for 5 years. The user must ensure that the technical document they have is of the latest version, and contact our company when needed for querying about the validity of the document. Proper use of the product, validity of the application conditions and methods are under the user's responsibility. GRADA Epoxy Paint declines any warranty claims regarding the consequences, work accidents, direct or indirect damages or harm caused by not using the product as recommended. Packaging values stated above are the nominal values in the formulae standardized by GRADA. Under normal production conditions, there may be deviations in a level estimated in international standards.

[www.grada.com.tr](http://www.grada.com.tr)



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