

REAL PU 110 – 1K POLYURETHANE GLOSS POLISH

PRODUCT DESCRIPTION

REAL PU 110 is a 1K, polyurethane-based, high-performance gloss topcoat polish system. It is used on surfaces where a glossy appearance is desired. It provides high resistance to abrasion, scratching, water and chemicals, contributing to surface protection and extended service life.

* TECHNICAL PROPERTIES

Appereance	Glossy	
Colour	Liquid white	
Density (gr/ml at 20°C)	1,00 ± 0,05	
Mixing ratio (by weight)	1K	100 parts
Solids content by weight (w/w)	% 98 ± 2	
Application method	Velvet roller and spray	
Working time (20°C)	5 Hours	
Full curing time (days/20°C)	4-6 days	



THICKNESS INFORMATION (100 MICRON DFT)

CONSUMPTION Wet Film Thickness (μ)	Dry Film Thickness (μ)	Theorrotical Consumption 1 Coat ± 10 (kg/m ²)
005	045	0,050

UYGULAMA ALANLARI VE ÖZELLİKLERİ

REAL PU 110 is a water-based, polyurethane-based topcoat polish system developed to provide a glossy, aesthetic surface appearance and protect the substrate. It can be applied on concrete, microconcrete, concrete-look floor coatings, epoxy and polyurethane surfaces.

It forms a homogeneous film on the applied surface, **contributing to increased resistance against abrasion, scratching, friction, water and chemical effects.** It helps maintain the glossy surface appearance.

REAL PU 110 can be used as a protective topcoat polish on **wet areas, parquet and wooden surfaces**, as well as **industrial and commercial floor coatings.**

SURFACE PREPARATION

The application surface must be completely free from dirt, oil, grease and loose residues. Previously applied coatings with poor adhesion to the surface must be removed.

Before applying **REAL PU 110**, the entire surface should be uniformly sanded with 120-grit abrasive. After sanding, all dust and particles must be completely removed. Where necessary, use a damp mop and industrial cleaning machines to ensure that no dust remains on the surface.

Once the surface is completely clean, dry and ready for application, proceed with REAL PU 110.

APPLICATION OF PRODUCT

REAL PU 110 should be thoroughly mixed with a suitable mixer before application until a homogeneous consistency is obtained.

The prepared product should be applied with a **velvet roller** in thin and homogeneous layers onto a clean, dry and application-ready surface. REAL PU 110 is applied in **2 coats**, with approximately **0.050 kg/m²** consumption per coat, resulting in a total consumption of approximately **0.100 kg/m²**.

After the first coat, wait **10–12 hours** before applying the second coat. The second coat should be applied uniformly with a velvet roller after the first coat has reached sufficient dryness.

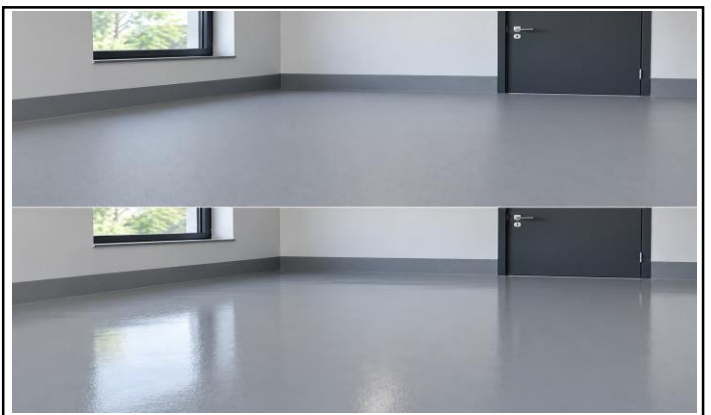
Do not allow product accumulation or puddling on the surface during application.

ENVIRONMENTAL CONDITIONS

Ambient temperature should be between +5°C and +35°C. Do not apply when relative humidity exceeds 80%. To prevent condensation, the surface temperature should be at least 3–5°C above the dew point. Consumption may increase in cold weather. Surface temperature should be at least +5°C and maximum +45°C.

PACKAGING

One pail REAL PU 110 – 10 kg



SHELF LIFE

Store the material in its original, unopened packaging in a cool and dry place. Shelf life is 12 months.

HEALTH AND SAFETY INFORMATION

Read the material safety data sheet (MSDS) for full safety instructions. The minimum safety precautions are:

- Prevent contact with skin and eyes by using gloves, safety goggles, a face mask and barrier cream.
- Provide adequate ventilation during application and until the epoxy has dried.
- If the epoxy contacts the skin, wash with warm water and soap or an industrial cleaner. If it splashes into the eyes, rinse with water for at least 10 minutes and seek medical attention.
- Read all warning labels on the pails and follow the recommended working procedures

*The product information is based on our own laboratory testing and research under normal conditions. Our company is not responsible for work carried out under unsuitable application conditions. We reserve the right to amend this information. For further details, please contact R.Y.K.

REAL®
Construction Chemicals

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