EN

PU Primer PB 724

Construction Chemicals > Primers and Adhesion Promoters > Polyurethane Based Primer

PB 724 is a single-component, polyurethane-based, solvent-based adhesion-enhancing primer.

Fields of Application

- Used for repairing or as a transition primer for polyurethane or polyurea materials
- As a primer before surface painting of polyurethane and polyurea products

Advantages

- High penetration due to its solvent base
- Single-component, easy to apply
- Cures quickly
- Low viscosity

1 Surface Preparation

The surface to be applied must be free of oil, dirt, and old paint. Remove all materials that may weaken adhesion, such as oil, grease, rust, etc., from the surface. For areas with old polyurea or polyurethane, mechanically roughen the coating surface.

2 Application

PB 724 is single-component. It should be mixed before application, ensuring the application temperature is between +10°C and +30°C. Due to its short working time, only the required amount of material should be poured into a clean container. Ensure the remaining original packaging is airtight. Since the product cures with air, foaming will occur in thick applications. Therefore, it should be applied thinly using a roller. After the primer application, the next layer should be applied immediately after drying.

3 Consumption Amount

0.6 - 1.2 kg/m^2 (Varies with surface roughness and absorbency)

4 Precautions

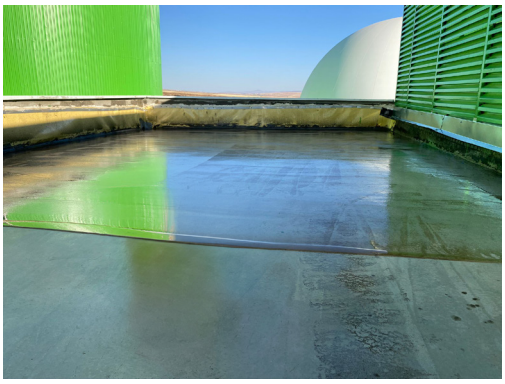
- Avoid application below +10°C and above +30°C
- If the ambient temperature exceeds 35°C, apply quickly and keep the waiting time for the next layer short
- Prepare only the amount of material that will be used at once
- Do not add external materials to the mixture
- The working and curing times of polyurethane-based products depend on ambient and surface temperatures. At low temperatures, viscosity increases, consumption amount increases, and reaction time lengthens. At high temperatures, viscosity decreases, and working time decreases
- In cold weather, it is recommended to heat the product in a warm environment in the tin for low viscosity. Do not use direct flame contact for heating

5 Storage Life

Can be stored for 6 months in its original unopened packaging in a cool and dry environment (10°C-35°C). Keep lids closed and protect from direct sunlight and frost.

6 Packaging

20 kg metal bucket.







TECHNICAL DATAS

Color	Transparent yellow
Density	~0,95 kg/l (20°C)
Hardness	75-80 Shore A
Viscosity	40-50 cP (25°C)
Adhesion to Concrete	> 3 N/mm^2
Waiting Time Between Coats	4-5 hours
Recoat Time	12-24 hours
Full Cure	1 day
Shelf Life	12 months if unopened and protected from frost
Packaging	20 kg metal bucket