

# P-100

## WATER-BASED POLYURETHANE PRIMER



### DESCRIPTION

- Single component ready to use water-based polyurethane primer for absorbent and moisture-sensitive floors.

### INTENDED USES

- Interiors and exteriors,
- As a moisture barrier on cementitious screed and concrete floors, against moisture up to 4%,
- As a moisture barrier against moisture up to 3% on cement screed and concrete floors with underfloor heating,
- To bond and tighten the dusty and dispersed parts at the edge ends of calcium sulfate, cement-based and concrete floors,
- In priming old and new subfloors,
- On concrete, cement, calcium sulfate screed, and old cast asphalt screeds,
- On surfaces with old screed that do not separate and disperse from the existing subfloor and old adhesive residues that are not affected by water.
- On moisture sensitive floors such as wood, chipboard, MDF, and OSB plates,
- On dry screed such as gypsum or calcium sulfate plate, on residues of old Silane Modified Polymers (SMP) adhesives,
- It is applied on old ceramic tile, mosaic, and terrazzo floors that can't be removed.

### PROPERTIES

- Dries fast and is ready for further processing within an hour.
- Single component, ready to use.
- For interiors and exteriors.
- Easy to apply, does not require much labor.
- To prime moisture-sensitive floors.
- Does not contain water and solvents.

### SURFACE TREATMENT

- The surface must be clean, dry, smooth, and solid.
- The surface must be free of residues that will prevent adhesion.
- Surfaces not hard enough, weak screeds, old wallpapers, old ceramic-tile surfaces should be cleaned thoroughly before application.
- Regional defects on the ground should be repaired with **TH-500 Repair Mortar**.

### TECHNICAL DATA

Colour	: Transparent
Application temperature	: (+10°C)-(+2 0°C)
Working time	: 60 minutes
Time required to open for foot traffic	: 40-50 minutes
Drying Time	: 1 hour as a primer : 2 hours in case of sandblasting
Suitability for underfloor heating systems	: Appropriate

- These values are obtained under laboratory conditions ((23±2) °C temperature, 50% relative humidity) and may differ due to worksite conditions.
- **MYFIX YILDIZ YAPI KİMYASALLARI SANAYİ VE TİCARET LİMİTED ŞİRKETİ** is not responsible for the application errors that may arise if the application conditions and precautions outlined above are not followed for the purpose of the product.

### APPLICATION

- Before opening, **P- 100 Water Based Polyurethane primer** should be shaken well, poured into a clean container, and used in an amount that can be consumed within 60 minutes.
- A single coat is applied with a satin paint roller (it provides better penetration and efficiency) to form a thin film of equal amount and thickness, and then left to dry. To prevent foaming and to dry in time, the formation of liquid accumulations on the surface should be prevented.
- If it is used as a moisture barrier, the second coat should be applied approximately 60 minutes after the first one, applying 250 - 300 gr/m<sup>2</sup>.
- After the product application, 1-2 hours should pass before applying the leveling screed.

### CONSUMPTION

- 100 – 150 gr/m<sup>2</sup> for one layer of primer
- 250 – 300 gr/m<sup>2</sup> for double moisture barrier

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### WARNINGS AND RECOMMENDATIONS

- The application should be made according to standards and instructions. Nothing that is not mentioned in the instructions should be added.
- The ambient temperature during application should not be less than 10°C. All technical data are given according to +20°C air temperature and 65% ambient humidity.
- In cold weather, the product should be brought to the application temperature beforehand and application should not be made at temperatures below 10°C.
- It should be applied as a thin film layer and not the slightest liquid accumulation should be allowed on the surface. It should not be applied on coatings that have a direct use surface, such as PVC, rubber, linoleum, etc.
- After application, hands and application tools should be washed with plenty of water.
- Since the product cures quickly, the floor should be protected from wind and direct sunlight during application.
- Opened packages should be tightly closed and reused as soon as possible.
- The indicated consumption amount is general information. It may vary depending on application conditions and surface properties.

### PACKAGING

- 5 kg plastic drum

### SHELF LIFE

- The shelf life of an unopened package stored in a dry, cool place is 12 months from the date of manufacture. The product is sensitive to frost and should be stored at +5°C and above.