

Waterproofing Systems / Polyurethane Based

POLAN® A

Polyurethane Floor Primer

DESCRIPTION

Polyurethane based, single component, solventborne, transparent and ready to use **primer** which dries fast, developed for rough and absorbent surfaces. It forms a middle layer to provide the coating adhere better.

APPLICATION AREAS

- Indoor and outdoor,
- On concrete, plaster and absorbent surfaces,
- As a primer prior to the coating on highly uneven or damp surfaces,
- As an adhesion increasing primer on floors, under polyurethane, MS or hybrid based waterproofing materials, floor coverings and top coat paints,
- Surfaces with PVC, EPDM, bitumen and other polymeric membranes,
- As a primer for polyurethane based parquet adhesive,
- Fixing the dusting and crumbling surfaces,
- Increasing the abrasion resistance of mineral based surfaces.

TECHNICAL PROPERTIES

Appearance	Transparent liquid
Density	~ 1.0 kg/L
Application Temperature	Between +5°C and +30°C
Abrasion Resistance	Resistant
Water Resistance	Water impermeable
Drying Time	2 – 5 hours
Service Temperature	Between -30°C and +120°C

ADVANTAGES

- Fills the pores and non-structural capillary cracks on concrete or similar surfaces, penetrates deeply. Increases both physical and chemical integration, provides longer lasting adhesion and permanency.
- Forms bonds between voids on the surface and provides an integral adhesion between the product and the surface
- Single component, solventborne. It is cured in chemical reaction with the moisture. Transparent and forms a strong and durable sublayer when it is cured.
- Not affected from temperature changes between - 30°C and +120°C.
- Resistant to salt water, salt solutions, bases, diluted acids, aliphatic solvents, gasoline and mineral oils.
- Reduces the consumption of the last layer coating by filling the voids on the surface and provides a more even appearance of the fine coating.

CONSUMPTION

150- 300 g/m² in single layer (Varies depending on the absorption and roughness of the surface)

PACKAGING

5 kg and 15 kg tin cans

APPLICATION

PREPARATION OF THE SURFACE

- The surface must be clear of materials that prevent bonding, such as dust, oil, tar, paint, silicone, curing materials, detergents and mold oils.
- Clean thoroughly bituminous, tarred and acrylic surfaces so that no waste remains.
- Since it will be difficult for POLAN A to adhere on smooth, shiny, polished, varnished surfaces, roughen such surfaces before application.
- The surface must be free from water and snow accumulations and the ongoing water flow must be stopped.

APPLICATION

- POLAN A is ready for use. Do not add any external substance.
- Apply single component POLAN A Polyurethane Floor Primer to the surface with a brush or roller. On absorbent surfaces, apply the second layer at least 2 – 5 hours after the first layer to ensure that the pores are completely closed.
- Since POLAN A reacts with moisture in the air, prepare in the amount to be used and apply in a short time.
- Protect POLAN A applied floor from water for 2 hours.
- Apply coating within maximum 48 hours after priming.
- Check the surface dryness hourly using a plastic glove. It is necessary to wait until the glove is easily separated from the surface to start product application.

CAUTION

- Avoid application at temperatures below +5°C and above +30°C.
- Contains solvent, flammable.
- Do not add water or thinning solvent.
- After application, protect the surface from water, rain, dew, frost and snow until it is completely dry.

SHELF LIFE

Expires in 12 months. Store unopened packages in a cool and dry environment between +10°C and +25°C and protect from sun light

HEALTH AND SAFETY

Contains isocyanate. As with all chemical products, avoid contact with food products, skin, eyes and mouth during use and storage. During the application, use work clothes, protective gloves and glasses in accordance with the occupational and worker health rules. Consult a doctor if accidentally swallowed. In case of contact with skin, rinse with water. Do not approach with open flame and do not smoke during application. Work only in adequately ventilated areas. Do not leave the cover open. Store out of the reach of children.

The application instructions and technical values given for the products have been obtained in accordance with our tests and experiences in accordance with international standards at 23±2°C temperature and 50±5% relative humidity conditions. These values may vary depending on ambient conditions. High temperatures shorten the times, low temperatures lengthen them. Before starting the application, the user should test whether the product is suitable for the application and purpose. FIXA Construction Chemicals Ltd. is not responsible. This Technical Data Sheet remains valid until the next revision is published. FIXA reserves the right to change the values specified in this Technical Data Sheet, provided that the new version is published. It is the user's responsibility to check that the document is up-to-date. Please contact our sales department for more information.