



SUIPA

Construction Chemicals

SUIPA PUALFA PAINT

Pualfa Paint A+B two-component

PRODUCT DESCRIPTION

Pualfa Paint is a two-component, solvent-based aliphatic polyurethane that offers a flexible, textured surface finish. It serves as a colored topcoat that is resistant to UV radiation and weather conditions.

APPLICATIONS

Pualfa Paint serves as a topcoat for concrete, polyurethane, and epoxy surfaces where abrasion resistance, UV protection, and a matte-gloss finish are essential.

TECHNICAL SPECIFICATIONS

Density (Mixture) (25 °C)	1,3 gr/cm ³
Mixing	4 A / 1 B % by weight
Ratio Solids 75	1 moment
Pot Life (25 °C)	1-3 days
Re-coating Time (20 °C)	1 day
Touch Dry Walkable	2 days
Fully Operational	5 days

These values offer general information and are not included in the product specifications.

APPLICATION

Environmental Conditions Required for Application

- Maximum ambient humidity must not exceed 80%
- Ambient temperature should range from 10 to 30 °C
- There must be no rainfall 24 hours prior to, during, and 24 hours following application in open areas
- The ground temperature should be at least 3 °C above the current dew point.

Pualfa Paint temperature should be maintained between 15 and 25 °C.

APPLICATION GROUND CRITERIA

The floor temperature must be maintained between 10-30°C. The final layer of solvent-free surface coating systems should be applied within three days. If the final coat is to be applied over an existing surface or if the recoating period has lapsed, sanding should be conducted as necessary.

SURFACE PREPARATION

The surface must be dry, clean, solid, and able to support loads. Any oil, wax, grease, water repellents, loose particles that may compromise the surface's adhesion, or dust that could easily dislodge should be eliminated through appropriate cleaning methods.

TO COMBINE

Pualfa Paint is a two-component product that requires mixing in a ratio of A:B at 4:1 (by weight). Achieving a homogeneous mixture of components A and B, adhering to the recommended mixing ratios for two-component polyurethane systems, is essential for optimal performance. Begin by mixing component A, ensuring any sedimentation is thoroughly homogenized. Subsequently, pour component B into component A. Utilize a mixer operating at 200-300 rpm for a minimum of 3-4 minutes. Ensure that the walls and bottom of the packaging are thoroughly scraped with the mixer paddles and a trowel. Mix once more for an additional minute. Finally, incorporate the specified amount of special dried quartz sand and continue mixing for an extra 2-3 minutes.

APPLICATION PROCEDURE

Immediately following the confirmation that components A and B are uniformly blended, the application commences with a roller. A minimum of two coats must be applied.

MIXTURE APPLICATION DURATION

The application conditions of two-component polyurethane systems are significantly influenced by ambient temperature. As the temperature rises, the reaction between components A and B accelerates, causing the mixture to thicken more rapidly and necessitating quicker surface application. Conversely, as the temperature falls, the reaction between components A and B decelerates, leading to an extended pot life and diminished fluidity. The increased density results in greater consumption. In two-component polyurethane systems, components A and B engage in a chemical reaction that generates heat, thereby elevating the temperature of the mixture. A larger quantity mixed yields a more pronounced and rapid temperature increase. Particularly on warm days, it is crucial to apply the mixture promptly to the surface to ensure extended working and processing times. If the mixture is fully packaged, it can be transferred into smaller containers; utilizing larger containers or mixing smaller quantities (by weighing) can mitigate these effects. Consequently, Pualfa Paint's storage temperature should be maintained between 15 and 25°C.

CONSUMPTION

100-150 g/m²

STORAGE

Store in original, sealed containers in a dry environment at temperatures ranging from 5°C to 25°C. Avoid direct sunlight exposure to the packaging. Under these conditions, the material has a shelf life of one year.

AMBALAJ

12+3 KG (A+B) set tensile strength