

ESTILPUR PU20 PRO

PRODUCT INFORMATION

Two-component aliphatic polyurethane varnish in aqueous medium.
 High surface and abrasion resistance. Excellent chemical resistance.
 Complies with the AgBB regulations for the emission of VOCs and aldehydes (DIN EN 16516)

TECHNICAL APPLICATION DATA			
Product description	Two-component water-based polyurethane varnish. It has high resistance to stains produced by certain common chemical products, as well as special resistance to the migration of shoe rubber and tires. Extraordinary resistance to abrasion and very easy cleaning of the surface. Indicated as a finish on microcement and self-leveling floors and coverings. The total absence of solvents allows this product to be used in areas with public presence, without the need to evacuate them.		
Support preparation	They must be clean, dry, free of dust, grease, oil, wax or debris that could impair adhesion. On absorbent supports, prime with two coats of breathable Microestil® Hidrolaca, allowing it to dry for a minimum of 12 hours before applying ESTILPUR PU20 PRO.		
Preparation of the mixture	Add component B to Component A by stirring until a homogeneous mixture is obtained, then add 5-10% of water to the mixture, continuing with stirring until the water is completely incorporated, trying to avoid the incorporation of air as much as possible. mix.		
Mixing Proportions	Plastic containers	Componente A 3Kg	Componente B 0,6Kg
Mix life	Approximately 1 hour at a temperature of 20°C. At higher temperatures, the life of the mixture is reduced.		
Material performance	120-140 gr. /m ² , in two layers		
How to use	Apply with a brush, short-nap roller or spray gun.		
Repainted	Minimum 6 hours, maximum 48 hours. Important: If more time has passed, it will be necessary to sand the surface before applying the second coat.		
Drying at 20°C	The surface is walkable with caution after 12 hours of application. Maximum resistance is achieved after 5 days.		
Application conditions	The ambient and support temperature must be between 10 and 30°C. The relative air humidity should be less than 80%. During the application and drying of the product, allow good ventilation of the room, but avoiding the entry of dust.		
Conservation	One year from the date of manufacture, in its original container, unopened, indoors and avoiding frost and direct exposure to the sun.		



ESTILPUR PU20 PRO

ESPECIFICACIONES DEL COMPONENTE A

DENSITY	1,03 + 0,02 gr./cc.
COMPOSITION	Polymer in aqueous medium

ESPECIFICACIONES DEL COMPONENTE B

DENSITY	1,15 + 0,02 gr./cc.
COMPOSITION	Polymer in aqueous medium

MIX SPECIFICATIONS

DENSITY	1,06gr./cc.
SOLID CONTENT	Aprox. 40% in weigh.
TOOL CLEANING	Water (before the product hardens)

CHARACTERISTICS OF DRY VARNISH

ASPECT	Matt o Satin.
COLOR	Colorless.
ABRASION RESISTANCE (ASTM D4060-95)	25 + 5 mg (CS10: 1000 rev, 1 kg)
REACTION TO FIRE	B _{FLS} (EN ISO 9231-1 y EN ISO 11925-2 2020)

CHEMICAL RESISTANCE (*)	CONTACT ½ hora	CONTACT 2 Horas
LUBRICANT OIL	5	5
HOT COFFEE	5	5
COLA DRINK	5	5
SALFUMANT (HCl20%)	5	5
BATTERY ACID	5	5
BLEACH	5	5
POVIDONE IODINE	5	5
MUSTARD	5	5
KETCHUP	5	5
RED WINE	5	5
SHOE CREAM (BLACK)	5	5
HYDROGEN PEROXIDE	5	5
PERMANENT MARKER (**)	5	

5= No effect on the coating

0= Destruction of the coating

(*) After a minimum curing of 7 days at 20°C

(**) Total cleaning with etanol.

ADDITIONAL DATA

Security instructions:

Avoid direct contact with the skin. Use gloves, mask and protective glasses during application. In case of contact with eyes, skin or mucous membranes, wash immediately with clean water and consult a doctor. For more information request the Safety Data Sheet.

Storage time:

One year from its manufacture, in its original container, unopened, under cover and avoiding frost and sun exposure.

Note: This technical sheet serves, like all other recommendations and technical information, solely for the description of the product characteristics, method of use and its applications. The data and information reproduced are based on our technical knowledge obtained in the literature, laboratory tests and in practice. The data on consumption and dosage that appear in this technical sheet are based on our own experience, so they are susceptible to variations due to the different conditions of the works. Actual consumption and dosages must be determined on site, through prior tests, and are the responsibility of the client. For additional advice, consult our technical service. Microestil Cement, s.l. reserves the right to modify the composition of the products, as long as they continue to meet the characteristics described in the technical sheet. Other applications of the product that do not comply with those indicated will not be our responsibility. We provide a guarantee in the event of defects in the manufacturing quality of our products, excluding additional claims, and our only responsibility is to refund the value of the merchandise supplied. This technical sheet loses its validity with the appearance of a new edition.