

Description of Product

SUFFIX YP 404 is a two-component polyurethane adhesive product. It is used in the bonding process of wood-metal, wood-wood, marble-wood, marble-marble and similar materials. Brush, roller, squeegee etc. It can be easily applied with apparatus.

Areas of Use

In bonding materials such as wood, metal, marble etc.

Advantages

It is an opaque adhesive. It is suitable for bonding that requires high adhesion strength. It can be used by coloring with pigments.

Physical Properties

Quality	Method	Properties	
		A Component	B Component
Appearance	-	Off-White, Liquid	Brown, Liquid
Viscosity (Brookfield, mPas)	TS 5833 EN ISO 3219	15000 ± 1000	250 ± 50
Density (gr/ml, 25°C)	ASTM D1475 / DIN 53217 / ISO 2811	Mixture: 4000 ± 250	
Mixing Ratio	-	100	33

* Optimum mechanical properties will be reached after 7 days at 23°C.

Application Information

Quality	Value	Standard
Pot Life (100 g A+B) (minutes)	40	-
Drying Time (hours)	2	-
Full Curing (hours)	18	-

Mechanical Properties

Quality	Value	Standard
Tensile Strength (MPa)	10	ASTM D 624
Elastic Modulus(MPa)	270	ASTM D 624
Hardness (Shore A)	45 - 50	ASTM D2240

Application Information - Surface Preparation

To achieve perfect results, the mixing ratio must be applied correctly. Changing the mixing ratio causes the surface to not dry properly and not reach its final mechanical properties. It is essential to use a scale while preparing the mixture

The application surface must be solid. Ambient temperature should be 18 - 23 °C and humidity level should be below 50%.

Application

33 g of component B must be mixed into 100 g of component A by weight. When weighing, component A should be weighed first and component B should be added to it. To obtain a homogeneous mixture, the components must be mixed thoroughly at low speed for 3-4 minutes. The system tends to heat up in the container it is mixed in. Only the amount of product to be applied should be mixed.

Ingredients must be measured with an infrared thermometer before mixing. The material temperature should be 20-23°C.

The material is mixed to make it homogeneous. After the product is mixed and applied to the surface, pressing and/or printing can be done.

Cleaning After Application

The equipment used during application should be cleaned with a suitable solvent immediately after application.

Storing and Shelf Life

Our products are kept tightly closed at room temperature, protected from sunlight. It can be stored in its unopened original containers, in dry environments between 5°C and 25°C, for 1 year from the date of production. Material in opened buckets should be used immediately.

Packing

SUFFIXYP 404 kg set;
A component 7.5 kg metal bucket packaging,
B component 2.5 metal bucket packaging

Consumption

(A+B) 1m² @ 1mm thick is 1.3 kg

Safety Precautions

SUFFIXYP 404 should not be smoked during application and work should be done in well-ventilated environments, away from naked flames. It should not be forgotten that solvents are heavier than air and therefore will circulate on the ground. During application, work clothes, protective gloves, glasses and masks that comply with occupational health rules should be used. Due to the irritating effects of the uncured product, the components should not be contacted with the skin or eyes. In case of contact, it should be washed with plenty of water and soap. If swallowed, consult a doctor immediately. For detailed information, please refer to the Safety Data Sheet (MSDS) or contact our technical units. Keep out of reach of children.

None of our instructions and technical specifications written herein are binding in general and EXCLUSIVELY in accordance with the protective rights of third parties and do not exempt you from the obligation to carry out the necessary examination to determine the suitability of our products. Our company is not responsible for any damages that may occur as a result of natural damage or due to use and/or product reliability or information and instructions, for whatever reason and to whatever extent.

