

P-TEC 8400™

Repair paste for wood

MIXING RATIO

1:1

CHARACTERISTICS

Very fine grain after sanding

Available in beige, black, cognac, and black walnut

Vertical application without dripping

Density similar to wood

No withdrawal

Odorless

VOC
FREE
PRODUCT



PRODUIT
SANS
COV

APPROVED / APPROUVÉ

Contact

POLYMÈRES TECHNOLOGIES

for more information:

support@polymerestechologies.com

DESCRIPTION

P-TEC 8400™ is a high-performance repair paste for the refection of damaged wood and natural flaws such as knots, cracks, and voids. This product is completely compatible with all wood essences such as mahogany, cedar, oak, ash, linden, and even more exotic woods.

P-TEC 8400™ proves equally useful for stabilizing rotten wood and can be used both much indoors and outdoors as it is resistant to extreme weather. It can be used as an adhesive for the structural assembly of wood with metal, plastic, rubber, concrete, fiberglass, and more.

INSTRUCTIONS

PREPARATION

Before applying P-TEC 8400™, make sure that the substrate is free from any contaminant. When using a pouch kit format, knead each pouch well (the pouches of both parts A and B). Mix 1 part of A with 1 part of B by volume (or 100 A/100 B by weight) until a homogenous paste is obtained. We recommend testing any paint, stain, or other products in order to verify their compatibility with P-TEC 8400™.

USAGE

It is recommended to use this product within 6 months. Part B being hygroscopic, it is possible that it crystallizes if exposed to moisture. Always close the caps well after use.

During application, pot life and curing time before sanding vary in relation to the ambient temperature in the working environment. The exothermic reaction of this system also varies with the applied thickness and ambient temperature of the work environment. Since the pot life of this system is only 3 minutes at 22°C (72°F), make sure not to mix more material than what can be applied within this time frame.

STORAGE

Store CHILL 3D™ on a pallet or shelf at 22°C (72°F) with a relative humidity under 60%. A cold environment will increase the viscosity of parts A and B and a warm environment will decrease it. Uncured material can be easily cleaned with isopropyl alcohol or with POLY CLEANER™.



Polyurethane repair paste
Pot life of 3 minutes

CHILL
EPOXY™
By Polymères Technologies

TYPICAL PROPERTIES (AT 22 °C/72 °F)

		PART A	PART B	MIX
CONSISTENCY		Paste	Paste	Paste
DENSITY	g/cm ³	0.88	0.88	0.88
MIXING RATIO	By volume	1	1	1/1
	By weight	100	100	100/100
COLOR		Beige, black walnut, cognac or black	Off white	Beige, black walnut, cognac and black
POT LIFE		3 minutes		

PRECAUTIONS

- Consult material safety data sheet prior to use.
- Normal health and safety measures should be observed when handling this product.
- Ensure good ventilation.
- Wear gloves, safety glasses, and protective clothing.
- Once the container is opened, POLYMÈRES TECHNOLOGIES can no longer be held responsible for this product.
- Shelf life of product in original closed containers is one (1) year for part A and six (6) months for part B.

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**MECHANICAL PROPERTIES
(SOLID STATE AFTER 7 DAYS AT 22 °C/72 °F)**

TEST	METHOD	RESULTS	
HARDNESS	ASTM D 2240	Shore D	57
COMPRESSIVE STRENGTH		MPa	22.5
FLEXURAL MODULUS OF ELASTICITY	ASTM D 790	MPa	894
THICKNESS OF APPLICATION		Vertical wall	Up to 30mm
SETTING TIME BEFORE SANDING		Minimum	18 minutes
LINEAR SHRINKAGE	ASTM D 2566	%	< 0.01
ABRASION RESISTANCE	TABER CS 17-1000 GR 1000 tours	Loss in grams	0.034
FULL HARDENING TIME		2 days	
ELONGATION PERCENTAGE	ASTM D 638 Type 4	7%	

It is recommended to follow provincial and federal safety regulations. In case of eye contact, rinse well with water. In case of skin contact, rinse with soap and water. Keep away from children.

GUARANTEE

Having no control over the use and application of this product, the manufacturer and/or distributor cannot guarantee the result obtained. The warranty is therefore limited to the replacement of a product that the user has demonstrated to the satisfaction of the manufacturer and distributor that it is actually defective. Before using this product, the user must ensure that the product is suitable for its intended use. Only the user assumes the risks related to this use. The user must ensure that this product meets his needs by conducting tests in the short, medium and long term to validate the results and in the conditions of use and according to the instructions provided. This limited warranty excludes all liability for consequential, incidental or special damages. Except as described above, the user expressly acknowledges and accepts at the time of the purchase of this product that the manufacturer and / or distributor disclaims any other liability and any other express or implied warranty of quality and an implied warranty of quality of the material are expressly excluded.

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