

TECHNO COATING™

Epoxy coating for
residential and
commercial
applications

MIXING RATIO

2:1

CHARACTERISTICS

Pre-measured unit of 15L

Suitable for in-service areas
exposed to high humidity level

Seamless

Excellent impact resistance

100% solid

Long pot life



Contact

POLYMÈRES TECHNOLOGIES

for more information:

support@polymerestechologies.com

DESCRIPTION

TECHNO COATING™ is a two-part, low odor epoxy coating with a clear and glossy finish. It is durable and easy to clean on interior surfaces such as concrete floors. It is ideal for residential and commercial applications.

This coating is waterproof with excellent chemical, abrasion, and UV resistance. TECHNO COATING™ is self-priming and can also be used as an aesthetic coating in office buildings. It can be used in combination with our CHILL DROPS™ pigments to create amazing colors and special effects.

INSTRUCTIONS

PREPARATION

Surface should be clean, dry and free of contaminants. We recommend removing sand, dust, dirt, grease, wax, silicone, and glue which could affect the bonding of TECHNO COATING™ to the concrete surface.

CONCRETE: Mechanical or chemical preparation (muriatic acid). It is very important to remove existing coatings before applying this product. Minimum age of concrete surfaces prior to application is 28 days, depending on curing and drying conditions. The moisture content of all concrete substrates must be no greater than ~4%. This moisture content can be measured with a calibrated moisture meter. We recommend applying TECHNO COATING™ early in the morning or late in the afternoon so that the concrete floor is not too warm. Do not apply to porous surfaces where moisture vapor transmission will occur during application.

This product is best installed by skilled and experienced applicators. **We strongly recommend validating the application by doing a test on a 12 x 12-inch area before starting production**

To apply TECHNO COATING™, we recommend an ambient temperature of 22°C (72°F), relative humidity of less than 70% and both A/B parts at a temperature of 22°C (72°F). At lower temperatures, the curing time will be extended.



INSTRUCTIONS

USAGE

Pour the contents of the part B container (small) into the part A container (large). Do not hand mix; use a drill equipped with a mixer. Mix thoroughly for a minimum of 10 minutes, making sure to regularly scrape the sides and bottom of the container. Scrape using a 2-inch metal spatula and direct the resin towards the center of the container. When done, do not leave the resin in the container too long; pour it onto the floor and use a roller or a straight/notched squeegee to spread the product.

CLEANING PROCEDURE

Collect and contain spills with an absorbent product. Discard in accordance with applicable regulations. Once hardened, this product can only be removed mechanically. Clean tools and brushes with POLY CLEANER™.



Fast setting epoxy
Pot life of 60 minutes

A/B kits available in pre-measured
units of 15L



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TYPICAL PROPERTIES (AT 22°C/72°F)

SOLID CONTENT	By volume	100%
	By weight	100%
COLOR	Clear or colored	
MIXING RATIO	Pre-measured unit of 15L	2A/1B by volume
POT LIFE	200g	60 minutes
SUGGESTED PRIMER	Self priming	
APPLICATION METHOD	Roller, brush, or straight/notched squeegee	
NUMBER OF COATS	1 as sealer, 1 to 2 as top coat	
RECOMMENDED THICKNESS	Sealer	5mils
	Top coat	15mils
COVERAGE	417 pi ² per container of 15L	
RECOAT TIME	12 hours, maximum of 24 hours	
CURING TIME	Touch dry	8 to 12 hours
	Light traffic	24 hours
	Full cure	7 days
CLEANING SOLUTION	TECHNO CLEANER™	

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.

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

TEST	METHOD	RESULTS	
HARDNESS	ASTM D 785 65	Shore D	85
COMPRESSIVE STRENGTH	ASTM D 695	MPa	103
TENSILE STRENGTH	ASTM D 638	MPa	31.5
ELONGATION PERCENTAGE	ASTM D 638	6.4%	
ABRASION RESISTANCE	TABER CS-17-1000 GR	0.078	

For information and advice on safe handling, storage and disposal of chemical products, users should refer to the most recent safety data sheet. This sheet contains physical, ecological, toxicological, and other safety-related data.

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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