

POLYGLASS® PRIMER EP-1010

TWO-COMPONENT EPOXY PRIMER DESIGNED TO ENHANCE ADHESION BETWEEN SUBSTRATE AND TECNOCOAT MEMBRANE SYSTEMS

PRODUCT DESCRIPTION

Polyglass Primer EP-1010 is a two-component epoxy primer designed to enhance adhesion between substrate and Tecnocoat membrane systems.

FEATURES AND BENEFITS

- 100% Epoxy Primer
- 20 kg, 4:1 kit
- Pot life: 30 minutes
- Dry time 4 hours
- Coverage @ 10 mils 160 ft²/gal (575 ft²/kit)
- Roller, brush or notched trowel application
- Above 40°F on concrete

TECHNICAL DESCRIPTION

Properties	Value
Viscosity	2500 cps
Density	1.5 g/cm ³
Mix Ratio	4:1
Solids Content	100%
VOC Content	0
Hardness Shore A	75
Adhesion to Concrete	500 psi
Application Temperature Range	40°F and rising
Pot Life	30 minutes
Dry time	4 hours

SYSTEM COMPONENTS

Designed to work in systems using Tecnocoat P-2049, Tecnocoat H-2049, Tecnocoat P-2049 AL and Tecnocoat CP-2049.

LIMITATIONS

Not for use on metal substrates. For metal substrates use Primer EP-1020 or consult Polyglass Technical Services.

STORAGE AND SHELF LIFE

12 months shelf life if stored in original containers in a dry environment at a temperature between 40°F–95°F. Keep away from direct sunlight, extreme heat, cold or moisture.

SURFACE PREPARATION

Concrete substrates must be allowed to cure for 28 days. All laitance, surface / release treatments, or other contaminants must be removed. Concrete must have a ICRI surface profile of 3–5, which is typically best accomplished by mechanical preparation.



PRODUCT DATA

Application method..... Roller, hand brush, notched trowel

WHERE TO USE

- Concrete
- Mortar
- Other porous primers

PACKAGING

Metallic pail kit (20 kg)

Part A 16 kg

Part B 4 kg

PRODUCT CODES

- 0182020UPY Part A 16 kg
- 0182220UPY Part B 4 kg



www.polyglass.us

POLYGLASS® PRIMER EP-1010

TWO-COMPONENT EPOXY PRIMER DESIGNED TO ENHANCE ADHESION BETWEEN SUBSTRATE AND TECNOCOAT MEMBRANE SYSTEMS

APPLICATION

TEMPERATURE

The substrate and ambient temperature must be between 40°F and 95°F with a concrete moisture content of less than 5%. For applications from 32°F–40°F use Primer PUc-1050 or consult Polyglass Technical Services.

Both Parts A & B are sensitive to moisture, ensure the pails are protected from moisture during storage and application.

MIXING AND APPLICATION

After opening, both Parts A and B, slowly pour the entire contents of Part B into the Pail of Part A. Mix for approximately 4–5 minutes and ensure a uniform color. Do not overmix or entrap air.

Immediately after mixing, apply to the substrate by roller, brush, or notched trowel.

Primer EP-1010 should be applied in coats of approximately 10 mils.

Primer EP-1010 can be applied in conjunction with silica sand to remediate small surface defects in concrete substrates.

Ensure Tecnocoat waterproofing membranes are applied within 24 hours of the Primer EP-1010 application

CLEANING

- Tools can be cleaned with Xylene or MEK

HEALTH AND SAFETY

- Respiratory Protection: When handling or spraying use an air-purifying respirator.
- Skin protection: Use rubber gloves, remove immediately after contamination. Wear clean body-covering. Wash thoroughly with soap and water after work and before eating, drinking, or smoking.
- Eye / Face: Wear safety goggles to prevent splashing and exposure to particles in the air.
- Dispose waste in accordance with federal, state, and local regulations.

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.

1111 West Newport Center Drive
Deerfield Beach, FL 33442

www.polyglass.us

General Line: (888) 410-1375

(954) 233-1330

Customer Service: (800) 222-9782

Technical Service: (866) 794-9659

Questions? technical@polyglass.com

Product Disclaimer:

For professional use only.

Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects in its product that directly results in leakage for a period of 1 year. Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. Polyglass U.S.A., Inc., reserves the right to improve and change its products at any time without prior notice. Polyglass U.S.A., Inc. cannot be held responsible for the use of its products under conditions beyond its own control. For most current product data, detail drawings and warranty information, visit www.polyglass.us