

PRO PRIMER E RESIN



Commercial Product Data Sheet

Product Description

Siplast Pro Primer E is a 2-component, low viscosity, low odor, solvent free, epoxy-based primer.

Product Use

Pro Primer E is used where a low odor primer is required or when concrete moisture levels exceed those allowable for PMMA primers prior to application of Parapro, Terapro, Terapro VTS, and Paraflex Systems.

Packaging

Pro Primer E is supplied in 1-kg (0.9 L) (2.2 lb) and 10-kg (9.2 L) (22 lb) kits that include both A and B components.

Color

Pro Primer E is translucent following application.

Coverage/Application Rates

See the Pro Primer E Installer's Guide Supplement for specific information. Yield/coverage rates will vary depending upon substrate type, moisture content, surface profile, and porosity.

Application Conditions

Pro Primer E can be applied when the ambient and substrate temperatures are between 50°F and 95°F (10°C to 35°C) and the substrate is a minimum of 5°F above the dew point. Discontinue primer application when the ambient or substrate temperatures are outside of the range listed above. Apply primer when ambient and substrate temperatures are falling rather than rising to minimize pin-holing. Provide adequate shade over the substrate both prior to and during application as necessary to maintain substrate temperatures below 95°F (35°C).

Pro Primer E requires a cure time of 12 hours prior to exposure to foot traffic or moisture. Pro Primer E must be allowed to cure for a minimum of 12 hours and can be exposed for a maximum of 48 hours following application prior to application of the Parapro, Terapro or Terapro VTS or Paraflex System. Clean the in-place and cured primer surface with warm water, Pro Prep or Pro Prep M prior to application of subsequent components. After the cleaning solution has been allowed to evaporate for 20 minutes, the primer may be coated as required.

Storage

Store in a dry, cool area over 50°F (10°C) and below 95°F (35°C). Shelf life will be reduced if product is stored outside of the temperate range listed above. Protect containers from direct sunlight and freezing temperatures. Shelf life in unopened, original packaging is 24 months from date of production. Materials stored on the job site should be kept on a pallet in a shaded, well ventilated area.

Handling

Keep product away from open fire, flame or any ignition source. Avoid skin and eye contact with this material. Avoid breathing fumes. Do not eat, drink, or smoke in areas where the product is stored or is being used.

Consult the Safety Data Sheet for additional information pertaining to this product.

Personal Protection Equipment (PPE)

Workers must wear a long sleeved shirt with long pants and work boots. Workers must use only butyl or nitrile gloves when handling this product. Safety goggles are required for eye protection.

Mixing

Pro Primer E comes in a kit and requires full batch mixing. Material should be a minimum of 60°F (15°C) at the time of mixing. Remove clamp and ring from around lid. Pierce a hole through rubber gasket and bottom of "lid well." Ensure that Part B completely drains into Part A. Stir mixture for 5 minutes using a slow speed drill (300 rpm) with a PS Jiffy blade to generate a homogenous, streak free consistency. Avoid entrapping air. Pour mixed material from the mixing container into another, clean container, ensuring that the materials at the bottom and sides of the original container are scraped free and added to the mixing vessel. Carefully mix for an additional 30 seconds.

Pot Life

Pro Primer E pot life is approximately 30 minutes at 73°F (23°C). Pot life will be reduced if the product is at higher temperatures.

Set (Cure) Time

Minimum set (cure) times noted below are approximate, and may vary depending upon product, ambient and substrate temperature. The information is intended as a guideline only. Actual set (cure) times should be established in the field, based upon actual field conditions.

Cure Time: 12 hours

Recoat Time: 12 to 48 hours at 73°F (23°C)

Ready for Parapro/Terapro/Paraflex System: 12 hours

Maximum Exposure Time before Application of

Parapro/Terapro/Paraflex System: 48 hours

Tool Cleaning

When work is interrupted or completed, reusable tools should be cleaned with mineral spirits before the primer residue cures.

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Current copies of all Siplast Commercial Product Data Sheets are posted on the Siplast Web site at www.Siplast.com.