



Epoxy.com Product #810

Concrete Primer for Polyurea

DESCRIPTION:

Epoxy.com Product #810 Concrete Primer is a two component polyurethane primer that prepares concrete surfaces to accept Polyurea coatings. After 30 minutes it dries to a tacky surface suitable for spraying with **Epoxy.com Product #1800 Sprayable Aromatic Polyurea**. It penetrates and seals the surface to allow smooth pinhole free coating. **Epoxy.com Product #810 Fast Set Concrete Primer** is available as a special order.

ADVANTAGES:

- Eliminates blisters and pinholes
- Increased adhesion to concrete
- Fast cure, ready to accept Polyurea in 30 minutes.
- Convenient 1:1 volume ratio.
- Apply by spray, brush or roller
- 100 percent solids, zero VOC

PHYSICAL PROPERTIES:

By volume 1:1

Cured Properties

Pot life	30 minutes
Surface at 4 hours	dry
Shore D Hardness	43
Tensile strength, psi	1600
Elongation, %	350
MVT, perms at 30 dry mils	0.061

SURFACE PREPARATION:

New concrete - Remove laitance by acid etching, abrasive blasting or water blasting. Old concrete - abrasive blast or water blast to remove laitance and contamination.

MIXING:

Combine one (1) part of Component "A" and one (1) part Component "B", by volume, in the quantity desired. Mix **Epoxy.com Product #810** with a low speed drill and **Epoxy.com Mixing Paddle** for two (2) minutes. Avoid entrapping air while mixing. Apply immediately after mixing.

APPLICATION:

Apply by brush, roller, or conventional spray. **Epoxy.com Product #810** can be applied at temperatures from 35°F to 120°F. Depending on temperature polyurea topcoats can be applied within 15 minutes to 24 hours after primer application.

RECOMMENDED THICKNESS:

Normally used at film thickness of 4 mils (300 to 400 SF/gallon). Two coats may be necessary for very porous substrates.

PACKAGING:

Epoxy.com Product #810 is packaged as 2 gallon, 10 gallon and 100 gallon units

SHELF LIFE:

Six months minimum when stored at 75°F and dry conditions. **Epoxy.com Product #810**, like most construction materials, must be stored in a dry, well protected and suitable storage environment.

CAUTION:

Contains organic isocyanates MDI. Avoid breathing vapors. Avoid contact with skin and eyes. Do not ingest. Keep away from foodstuffs and wash thoroughly before smoking or eating. Should skin contact occur, wash skin well with soap and water. Should eye contact occur, flush thoroughly for at least 15 minutes with water. Get medical attention.

FOR INDUSTRIAL USE ONLY KEEP AWAY FROM CHILDREN

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