EPOXY49

PRIMER 49

DEEP-PENETRATING CONCRETE ADHESION PRIMER | 100% SOLIDS • 5-GAL PAIL PART A (20.0 KG NET)

MIX RATIO: 2A : 1B BY VOLUME (2:1 WT)

PART A
RESIN

ATTENTION **APPLICATION ALERT: 100% SOLIDS DEEP PENETRATION — LOW MOISTURE SLABS (<3 LBS MVER)**

100% SOLIDS • ZERO VOC • ASTM C881

TACK-FREE	RECOAT WINDOW	VISCOSITY	COVERAGE
4–6 HOURS	6–24 HOURS	350–450 CPS	200–250 SQ FT / GAL

PHYSICAL SPECIFICATIONS

ASTM CERTIFIED

SOLIDS CONTENT	100% (ASTM D2697)
MIX RATIO (A : B)	2 : 1 by Volume (2:1 Wt)
MIXED VISCOSITY	350 – 450 cps (Deep Pen)
TENSILE STRENGTH	7,200 psi (ASTM D638)
COMPRESSIVE STRENGTH	10,800 psi (ASTM D695)
CONCRETE ADHESION	>450 psi (Concrete Failure)
POT LIFE (72°F)	25 – 35 Minutes (40m @ 100g)
VOC CONTENT	<10 g/L (EPA Method 24)

DEEP PENETRATING • CAPILLARY ANCHOR • ZERO VOC

FIELD QUICK-START GUIDE

5-STEP APPLICATION

01 SURFACE PREPARATION
Diamond grind substrate to clean ICRI CSP 2–3 profile. Remove all oils and dust.

02 MOISTURE THRESHOLD
Verify MVER <3 lbs / 1,000 sq ft / 24h. For high-moisture slabs, use MVB 49.

03 MIX PROCEDURE
Combine 2 Parts A to 1 Part B by volume. Mix 3 min @ 350 RPM; stand 3–5 min.

04 APPLICATION METHOD
Pour in ribbons; squeegee and back-roll with 3/8" nap roller at 200–250 sq ft/gal.

05 TOPCOAT WINDOW
Recoat with Epoxy 49 or Polyaspartic 49 in 6–24 hours without mechanical abrasion.

24-HR EMERGENCY HOTLINE: CHEMTREC 1-800-424-9300

OSHA GHS — PART A (RESIN)

WARNING



H315/H319: Causes skin and serious eye irritation (Epoxy Resin — Part A).

H317: May cause allergic skin reaction. **H411:** Toxic to aquatic life.

P280: Wear nitrile gloves, splash goggles & protective clothing.

SCAN FOR FULL TDS & SDS
Instant access to complete chemical engineering data, ASTM charts, and safety data.
EPOXY49.COM/TDS

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