EPOXY49

MVB 49

HIGH-PERFORMANCE MOISTURE VAPOR BARRIER EPOXY | UP TO 25 LBS MVER

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

ATTENTION CRITICAL POT LIFE ALERT: RAPID EXOTHERMIC REACTION — SPREAD IMMEDIATELY (11–20 MIN POT LIFE)

ASTM F3010 • 99% RH TOLERANT

POT LIFE	TACK-FREE	MOISTURE TOL	COVERAGE
11–20 MIN (FAST)	4–5 HOURS	25 LBS / 99% RH	100–150 SQ FT / GAL

PHYSICAL SPECIFICATIONS

ASTM CERTIFIED

SOLIDS CONTENT	100% (ASTM D2697)
MIX RATIO (A : B)	2 : 1 by Volume (2:1 Wt)
VAPOR PERMEANCE	<0.10 Perms (ASTM E96)
TENSILE STRENGTH	8,200 psi (ASTM D638)
COMPRESSIVE STRENGTH	12,000 psi (ASTM D695)
CONCRETE ADHESION	>450 psi (Concrete Failure)
POT LIFE (MASS)	11 – 20 Minutes @ 72°F
VOC CONTENT	<10 g/L (EPA Method 24)

ASTM F3010 STANDARD • PH 14 RESISTANT • ZERO VOC

FIELD QUICK-START GUIDE

5-STEP APPLICATION

01 SHOT-BLAST / GRIND
Prepare concrete to ICRI CSP 3 profile. Never acid-etch slabs receiving MVB 49.

02 2A : 1B RATIO MIX
Combine 2 Parts A to 1 Part B by volume. Drill blend 3 minutes @ 350 RPM.

03 IMMEDIATE POUR
FAST CURE: Empty entire pail contents onto floor in continuous ribbons immediately!

04 SQUEEGEE & ROLL
Notched squeegee at 100 sq ft/gal (16 mils) up to 25 lbs MVER. Back-roll pinhole-free.

05 DIRECT RECOAT
Apply Epoxy 49 metallic base or broadcast system within 4–16 hours.

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

OSHA GHS CLASSIFICATION

DANGER



H314: Causes severe skin burns and serious eye damage (Part B Hardener).

H317: May cause allergic skin reaction. H373: Organ damage (prolonged).

P280: Wear impervious gloves, protective clothing, and eye/face protection.

SCAN FOR FULL TDS & SDS

Instant access to complete chemical engineering data, ASTM charts, and safety data.

EPOXY49.COM/TDS

LOT NO: **MVB49-2611-03**
DOM: **SEP 2026** • SHELF: **12 MO**
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