EPOXY 49

100% SOLIDS HIGH-BUILD CLEAR FLOOR EPOXY & METALLIC BASE COAT

MIX RATIO: 2A : 1B BY VOLUME

ATTENTION **POUR MIXED MATERIAL IMMEDIATELY ONTO FLOOR IN RIBBONS — DO NOT LEAVE IN PAIL**

100% SOLIDS • ZERO VOC • ASTM C881

INITIAL CURE	FINAL CURE	HARDNESS	COVERAGE
4–6 HOURS	48–72 HOURS	SHORE D 82–85	125–150 SQ FT / KIT

PHYSICAL SPECIFICATIONS

ASTM CERTIFIED

SOLIDS CONTENT	100% (ASTM D2697)
MIX RATIO (A : B)	2 : 1 by Volume
MIXED VISCOSITY	700 – 900 cps @ 77°F
TENSILE STRENGTH	7,800 psi (ASTM D638)
COMPRESSIVE STRENGTH	11,500 psi (ASTM D695)
CONCRETE ADHESION	>450 psi (Concrete Failure)
WORKING TIME ON SLAB	30 – 45 Minutes @ 72°F
VOC CONTENT	<10 g/L (EPA Method 24)

100% SOLIDS • ZERO SOLVENT • INDUSTRIAL GRADE

FIELD QUICK-START GUIDE

5-STEP APPLICATION

01 MECHANICAL PREP
Grind concrete to ICRI CSP 2–3 profile. Vacuum thoroughly dust-free.

02 MOISTURE VERIFICATION
Concrete must test <3 lbs MVER or <75% RH. If higher, prime with MVB 49.

03 ACCURATE MIXING
Combine 2 Parts A to 1 Part B by volume. Drill 3 min @ 350 RPM with spiral paddle.

04 IMMEDIATE PLACEMENT
Pour ribbon immediately onto slab. Exothermic mass will flash-cure in bucket.

05 SQUEEGEE & RECOAT
Spread with notched squeegee (125–150 sq ft/kit). Back-roll. Recoat in 8–24 hrs.

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 an allergic skin reaction. **H411:** Toxic to aquatic life.

P280: Wear nitrile 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: **EP49-2611-01**
DOM: **SEP 2026** • SHELF: **12 MO**
HOUSTON, TX • **EPOXY49.COM**