

EPOXY PRIMER

ACTFLEX EP250

Two-component waterborne epoxy primer, sealer and moisture-barrier coating

WHY USE IT

One coat primes concrete for FORSPEC membranes. Two coats make the moisture barrier.

Water-based two-part epoxy for prepared concrete, masonry and cementitious surfaces. One coat is the primer and sealer; two coats control moisture in a damp slab.

1 : 1 BY VOLUME | DAMP SURFACES OK | VOC 23 G/L

TECHNICAL DATA

COVERAGE	0.32 kg/m²	per coat, about 3.1 m² per kg
20 KG KIT	≈62.5 m²	in one coat; about 31.3 m² in two coats
DRY FILM	150 µm	per coat; 300 µm in two coats
MEMBRANE AFTER	24 h	minimum cure before water-based layers
PACK	4 kg, 20 kg	pre-proportioned two-part kits
APPLY AT	10–26°C	air and surface, 85% humidity at most

MIXING AND RECOAT

Mixing. Part A to Part B 1 : 1 by volume, never by weight. Mix at 300 to 500 rpm for 2 to 3 minutes. Pot life is about 90 minutes.

COATS
1 or 2
one to prime, two for moisture control

RECOAT
4–24 h
minimum 4 hours, maximum 24 hours

POT LIFE
≈90 min
at 25°C

HOW TO APPLY

1 PREPARE
Sound, clean concrete or masonry with an open texture, all dust vacuumed off. It may be damp but with no condensation or visible water film.

2 FIRST COAT
0.32 kg/m² by roller, stiff broom or squeegee. The first coat may be thinned with clean water: up to 5% on porous surfaces, up to 20% on dense ones.

3 SECOND COAT
For moisture control, a second coat at 0.32 kg/m², never thinned, 4 to 24 hours after the first. Two coats are mandatory at 4.5% substrate moisture or above.

4 COVER
Let it cure at least 24 hours before FORSPEC membranes and other water-based layers. Full cure is 7 days.

WHERE TO USE

- Primer under FORSPEC liquid and sheet membranes
- Two-coat moisture control on damp concrete
- Rising damp and efflorescence control
- Sealing porous or dusty concrete and masonry
- Basement and below-ground details with water pressure from behind

NOT FOR

- Not UV resistant: protect it from direct sun
- Not a trafficable membrane
- Never over active leaks, standing water, moving cracks or movement joints



On site: planter boxes coated with EP 250



On site: planter base and outlet

TESTED: LAB REPORTS AND CERTIFICATES

STANDARD OR TEST	RESULT	REPORT, ISSUED
VOC content	23 g/L	FORAY Certificate P22070055
Water vapour transmission	1.63 g/m²/24 h at the two-coat build	XTecGen Report 515-1 · Dec 2025

FORSPEC Protective Coatings ABN 11 204 033 631
Unit 22, 872 Canterbury Rd, Roselands NSW 2196
(02) 8021 3517 · info@forspec.com.au · forspec.com.au
Mon to Fri 7 am to 5 pm, Sat 8 am to 12 pm, Sun closed

Figures from TDS-EP250 · Revision 3 · 13 October 2026. This page is a summary: read the current technical data sheet and safety data sheet before use.

PRODUCT CODE
A20F65 20 kg kit
A4 F66 4 kg kit

SCAN FOR THE DATA SHEET, SAFETY SHEET AND REPORTS