



ACTFLEX 200.

Technical Data Sheet

HIGH ADHESION WATER-BASED PRIMER

Description

ACTFLEX 200 is a high-adhesion water-based primer designed for internal surfaces where strong bonding is required before the application of FORSPEC waterproofing membranes. It is formulated for use on concrete, masonry, fibre cement sheeting, rendered surfaces, and porous substrates.

ACTFLEX 200 is specifically engineered to improve adhesion and surface stability before the installation of **ACTFLEX 906 WPU**, **ACTFLEX 989 CWP**, and other FORSPEC-classified internal waterproofing systems. Its deep penetration and fast-drying nature enhance membrane performance, reduce dusting, and create a uniform, stable surface for subsequent coatings.

Advantages

- Exceptional adhesion on concrete, masonry, render, and porous surfaces
- Water-based formulation – low odour, fast drying
- Stabilises dusty and porous substrates
- Improves bond strength for FORSPEC internal waterproofing membranes
- Deep substrate penetration for enhanced durability
- Easy application by brush, roller, or spray
- Internal-use compatible

Where it can be used

ACTFLEX 200 is designed for **internal waterproofing applications** as a bonding primer prior to installing FORSPEC membranes. It improves adhesion, stabilises porous surfaces, and prepares substrates for water-based and cementitious membrane systems.

Recommended internal applications include:

- Bathrooms and shower bases
- Laundries and wet rooms
- Kitchens and splash zones
- Internal walls and floors
- Internal concrete slabs
- Under-tile waterproofing in residential and commercial buildings

Suitable Surfaces

ACTFLEX 200 is suitable for most porous and absorbent internal substrates, including:

Concrete

- Standard concrete slabs
- Bagged or patched concrete

Masonry & Renders

- Rendered walls
- Masonry blockwork
- Brick walls (internal)
- Solid plaster surfaces

Cement Sheets

- Fibre cement sheeting (FC / CFC)
- Villaboard / wet-area building boards
- Compressed sheeting

Other Porous Surfaces

- Sand/cement bedding
- Porous screeds (non-moisture compromised)
- Drywall/gyprock (sealed, non-flaking)
- Plaster substrates (sound and clean)

Application Method – Standard Primer Use

Mixing / Preparation

- Stir ACTFLEX 200 mechanically for 2–3 minutes using a low-speed mixer (300–500 RPM).
- Ensure all settled material at the base of the pail is fully incorporated.
- Do not aerate the product during mixing.

Application

- Apply an even, continuous film by brush, roller, or airless spray.
- Recommended application thickness: 80–120 microns WFT.

- Typical coverage: 4–6 m²/L, depending on porosity and substrate profile.
- Avoid puddling or over-application.
- Ensure full coverage across all edges, junctions, and internal transitions.

Drying / Recoat Window

- Tack-free: 1–2 hours at 25°C and 50% RH.
- Ensure primer is fully dry before applying waterproofing membranes.
- Do not leave primed surfaces uncoated for more than 24 hours.
 - If time exceeds 24 hours: lightly abrade and reapply ACTFLEX 200.

Inspection

A properly primed surface will show:

- Uniform appearance
- No glossy/puddled areas

- No pinholes or dry patches
- Adhesion may be verified with tape-pull testing in critical areas.

Limitations

- Do not apply when substrate moisture content exceeds **4.5%** or RH exceeds **80%**.
- Not suitable for continuous hydrostatic pressure.
- Not suitable for particleboard, yellow tongue, or untreated timber.
- Do not apply over contaminated, greasy, oily, friable, or powdery surfaces without rectification.
- Application temperature range: **+5°C to +35°C**.
- Protect freshly applied primer from water, condensation, or premature traffic.
- Do not use as a screed additive, slurry coat, or bonding slurry.

Substrate Preparation

- Substrates must be sound, clean, dry, and free from laitance, dust, oil, paint, or bond breakers.
- Remove loose material by mechanical grinding or high-pressure cleaning (internal only).
- Repair cracks or defects using FORSPEC crack repair systems as required.
- Ensure surface is fully dry before priming.

Coverage

Coverage varies with porosity:

Substrate Type	Approx. Coverage
Dense concrete	6–8 m ² /L
Standard concrete	4–6 m ² /L
Porous masonry	3–4 m ² /L

Clean-Up

- Clean tools, rollers, and equipment with water immediately after use.

Storage

- Store sealed containers in a cool, dry environment.
- Protect from frost and direct sunlight.
- Shelf life: **12 months** unopened.

Safety

- Keep out of reach of children.
- Use in well-ventilated areas.
- Refer to the ACTFLEX 200 SDS before handling.

Data Sheet

This Technical Data Sheet (TDS) and Material Safety Data Sheet (SDS) are subject to revision as necessary to ensure compliance with relevant Australian Standards and incorporate technological advancements. It is crucial to read the most current versions of the SDS and TDS before use, as application and performance data may be updated. For the latest technical information, please contact Forspec Protective Coatings at (02) 8021 3517 or email info@forspec.com.au to request a copy. The information provided is representative but does not serve as a comprehensive specification. For specific projects, we recommend consulting directly with the company for tailored specifications.

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