FORSPEC PROTECTIVE COATINGS

ACTFLEX 200.



Technical Data Sheet | **High-Adhesion Water-Based Primer for Internal Porous Substrates** | **Issue date: 25 August 2026**

Description

ACTFLEX 200 is a high-adhesion water-based primer engineered for internal substrates where the bond between substrate and membrane governs system performance. It penetrates deeply into concrete, masonry, render, fibre cement and porous screeds, binding surface fines, arresting dusting and consolidating the top layer into a uniform, stable, dimensionally sound plane for the membrane that follows.

Formulated specifically to lift bond strength beneath ACTFLEX 906 WPU, ACTFLEX 989 CWP and other FORSPEC-classified internal waterproofing systems, it is low in odour, dries fast enough to keep a wet area programme moving within the same shift, and applies by brush, roller or airless spray. Applied at 80–120 microns wet film it delivers a uniform, non-glossy primed surface that can be verified visually and by tape-pull test before the membrane is applied.

Advantages

- Exceptional adhesion on concrete, masonry, render and porous internal substrates.
- Deep substrate penetration for durable, long-term bond development.
- Stabilises dusty and porous substrates and arrests surface dusting.
- Water-based — low odour and fast drying for occupied and internal environments.
- Improves bond strength beneath FORSPEC internal waterproofing membranes.
- Tack-free in 1–2 hours at 25°C and 50% RH, keeping wet area programmes on schedule.
- Applies by brush, roller or airless spray.
- Primed surface can be verified visually and by tape-pull test before overcoating.

Uses

- Bonding primer beneath ACTFLEX 906 WPU, ACTFLEX 989 CWP and other FORSPEC internal waterproofing systems.
- Bathrooms, shower bases, laundries, wet rooms, kitchens and splash zones.
- Internal walls, floors and concrete slabs.
- Under-tile waterproofing in residential and commercial buildings.
- Standard concrete slabs, and bagged or patched concrete.
- Rendered walls, masonry blockwork, internal brickwork and solid plaster.
- Fibre cement sheeting, wet-area building boards and compressed sheeting.
- Sand/cement bedding and porous screeds that are not moisture compromised.
- Sealed, non-flaking plasterboard and sound plaster substrates.

Compliance Status

No accredited certificate is currently held on file for ACTFLEX 200. All performance values are published as typical R&D characteristic values. System compliance is established by the certified FORSPEC membrane applied over the primer.

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Compliance Status (continued)

STANDARD / TEST	STATUS	REFERENCE
AS/NZS 4858 — wet area membranes	Not applicable — the primer is a system component, not a membrane	Compliance is established by the membrane system
Adhesion performance	Manufacturer data — accredited verification outstanding	Forspec R&D *
VOC certification	Not currently held	Certificate to be commissioned

Technical Data

Certified values are stated against their governing report. All other values are typical R&D characteristic values and are asterisked.

PROPERTY	VALUE	BASIS
Product type	Single-component, water-based, high-adhesion penetrating primer	—
Coats	1	—
Wet film thickness	80–120 microns	—
Coverage	4–6 m^2/L, porosity dependent	—
Consumption	Approx. 0.17–0.25 L/m^2	*
Tack-free time (at 25°C, 50% RH)	1–2 hours	—
Overcoat window (at 25°C, 50% RH)	Once fully dry, maximum 24 hours — abrade and re-prime if exceeded	—
Maximum substrate moisture at application	4.5%	—
Maximum ambient relative humidity at application	80%	—
Application temperature	+5°C to +35°C	—
Packaging	To current pack schedule *	*
Shelf life	12 months, unopened, stored frost-free *	*

* Typical R&D characteristic values, not for engineering design without written FORSPEC confirmation.

Coverage and Yield

MEASURE	VALUE	BASIS
Consumption per coat	Approx. 0.17–0.25 L/m^2 *	80–120 microns WFT
Coverage per litre	4–6 m^2 *	Porosity dependent
Coverage — 4 L pack	Approx. 16–24 m^2 *	At 4–6 m^2/L
Coverage — 15 L pack	Approx. 60–90 m^2 *	At 4–6 m^2/L
Coverage — 20 L pack	Approx. 80–120 m^2 *	At 4–6 m^2/L

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Coverage and Yield (continued)

Coverage varies with substrate porosity and surface profile. Porous, textured and previously unsealed substrates increase consumption significantly. Confirm pack sizes against the current pack schedule before ordering. * Typical R&D characteristic values, not for engineering design without written FORSPEC confirmation.

Limitations

- Internal use only — not approved for external applications.
- Not a waterproofing membrane and not a moisture barrier.
- Not suitable for continuous hydrostatic pressure.
- Do not apply where substrate moisture content exceeds 4.5% or ambient relative humidity exceeds 80% — where those limits are exceeded, specify ACTFLEX EP250 at two coats.
- Not suitable for particleboard, yellow tongue or untreated timber.
- Do not apply over contaminated, greasy, oily, friable or powdery surfaces without full rectification.
- Do not use as a screed additive, slurry coat or bonding slurry — specify ACTFLEX 300 for those duties.
- Do not apply below 5°C or above 35°C substrate and ambient temperature.
- Do not dilute unless approved in writing by an authorised FORSPEC representative.
- Do not leave primed surfaces uncoated for more than 24 hours — abrade lightly and re-apply if exceeded.
- Protect freshly applied primer from water, condensation and premature traffic.

Surface Preparation

- Confirm the substrate is structurally sound, clean, dry and free of dust, laitance, oils, grease, curing compounds, release agents, sealers and all bond-inhibiting contaminants.
- Rectify contaminated, greasy, oily, friable or powdery surfaces mechanically before priming — priming over a weak surface transfers the weakness into the system.
- Test substrate moisture content and confirm it is at or below 4.5% before priming.
- Confirm ambient relative humidity is at or below 80%.
- Reinstate defects, voids and blowholes with a FORSPEC concrete repair system such as FORBUILD 100 or FORCRETE 100, finished flush and cured.
- Confirm fibre cement sheeting and wet-area building boards are installed and fastened per the sheet manufacturer's instructions and the applicable Australian Standard.
- Vacuum the area thoroughly immediately before priming.

Application and Film Build

- Stir ACTFLEX 200 mechanically for 2–3 minutes with a low-speed mixer at 300–500 rpm, ensuring all settled material at the base of the pail is fully incorporated. Do not aerate the product.
- Apply an even, continuous film by brush, roller or airless spray at 80–120 microns wet film thickness.
- Work to full coverage across all edges, junctions, internal transitions and upstands — an unprimed junction is where the system will fail first.
- Avoid puddling and over-application; pooled primer forms a glossy weak layer that the membrane cannot bond through.
- Inspect the primed surface before overcoating: it must show a uniform appearance, no glossy or puddled areas, and no pinholes or dry patches.
- Verify adhesion by tape-pull test in critical areas where required.
- Confirm the primer is fully dry before the waterproofing membrane is applied.

Drying, Curing and Testing Times

All times below are measured at 25°C and 50% RH. Low temperature, high humidity, poor ventilation and substrate porosity extend every stage — verify the primer is fully dry on site before overcoating.

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Drying, Curing and Testing Times (continued)

STAGE (AT 25°C, 50% RH)	TIME
Tack-free	1–2 hours
Fully dry — ready for membrane	Once tack-free and dry through the film *
Overcoat window	Once fully dry, maximum 24 hours
Re-prime required	If the 24-hour overcoat window is exceeded — abrade lightly and re-apply
Protection from water, condensation and traffic	Until fully dry

* Typical R&D characteristic values, not for engineering design without written FORSPEC confirmation.

Clean Up

Remove excess uncured product immediately and clean tools and equipment with clean water while the product remains wet. Cured product can only be removed mechanically. Allow washings to settle, decant and dispose of residues in accordance with the relevant State or Territory environment protection legislation. Do not discharge wash water into drains, soil or waterways.

Container and Waste Disposal

Allow residues to fully cure before disposal as construction waste in accordance with State and local requirements. Empty containers are disposed of or recycled per local council requirements. Refer to Section 13 of the SDS for detailed disposal requirements.

Quality Records

Record the batch numbers of all ACTFLEX 200 used, substrate preparation method, substrate moisture readings and ambient relative humidity at application, wet film thickness and consumption achieved, application date and conditions, drying confirmation, tape-pull test results where undertaken, the interval between priming and membrane application, and inspection results, as part of the project quality assurance records.

Storage

Store sealed in original, unopened packaging in cool, dry conditions, protected from frost, heat and direct sunlight — the emulsion must never freeze. Shelf life: 12 months from the date of manufacture when stored as specified.*

Safety Precautions and First Aid

Refer to the current Safety Data Sheet before use. ACTFLEX 200 is a water-based primer; the uncured product may cause eye and skin irritation. Use in well-ventilated areas. Wear protective gloves, protective clothing and eye protection, and use respiratory protection where the product is spray applied. Avoid breathing spray mist. Do not eat, drink or smoke when handling; wash hands before breaks and after work. The Chemwatch SDS number for this product is to be confirmed — refer to the Change Register.

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Safety Precautions and First Aid (continued)

First aid — Eyes: wash out immediately with water and seek medical attention if irritation continues. Skin: flush with running water and soap; remove contaminated clothing. Inhaled: remove to fresh air. Swallowed: rinse mouth and seek medical advice. POISONS INFORMATION CENTRE: 13 11 26 (Australia-wide, 24 hours). In an emergency, dial 000. KEEP OUT OF REACH OF CHILDREN. Read the Safety Data Sheet (SDS) before use — available at www.forspec.com.au.

Warranty

Standard Product and Performance Warranty: Forspec Protective Coatings Pty Ltd as Trustee for Forspec Protective Coatings (ABN 11 204 033 631) warrants that ACTFLEX 200 will be free from manufacturing defects and will not fail under normal usage for a period of ten (10) years from the date of purchase, when installed and used strictly in accordance with this Technical Data Sheet and Forspec's written instructions. This warranty covers the supply of the product only; it does not cover installation, application or workmanship. Remedies are limited, at Forspec's discretion, to replacement of the defective product (or defective portion) or a refund of the purchase price. The full terms, conditions and exclusions are set out in the Forspec Standard Product and Performance Warranty, available at www.forspec.com.au — key conditions include application by a suitably qualified and, where required by law, licensed applicator; use within shelf life; and installation as part of a Forspec approved system without non-approved third-party products.

Project and system warranties: extended project-specific warranties are available at the request of the applicator and must be applied for using the Forspec Warranty Request Form prior to commencement of works. Issue is subject to Forspec approval and is conditional on the use of the complete specified FORSPEC system, application in strict accordance with the current TDS by suitably qualified applicators, and completion of the project quality records described above. The warranty period and terms are as stated in the issued warranty certificate.

Claims: notify Forspec in writing within thirty (30) days of discovery of the alleged defect and within the warranty period, by post to 22/872 Canterbury Road, Roselands NSW 2196 or by email to info@forspec.com.au, including proof of purchase, installation details (date, location, installer), a description of the defect with supporting evidence, and your contact details. Forspec may inspect the site, perform testing and collect samples before determining a claim.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Data Sheet Currency

This Technical Data Sheet (TDS) and the corresponding Safety Data Sheet (SDS) are subject to revision as necessary to ensure compliance with relevant Australian Standards and to incorporate technological advancement. Read the most current versions before use, as application and performance data may be updated. For the latest technical information, contact Forspec Protective Coatings on (02) 8021 3517 or info@forspec.com.au. The information provided is representative and does not serve as a comprehensive specification. For specific projects, consult directly with Forspec Protective Coatings for tailored specifications. This data sheet was issued on 25/08/2026 and is valid for three years from the date of issue unless superseded by a later revision — always confirm the current version at www.forspec.com.au before use.

CONDITIONS OF USE, PRODUCT DISCLAIMER, AND STATEMENT OF RESPONSIBILITY

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Data Sheet Currency (continued)

1. Accuracy of information. The information in this document is provided in good faith by Forspec Protective Coatings Pty Ltd as Trustee for Forspec Protective Coatings (ABN 11 204 033 631) ('Forspec Protective Coatings') and is, to the best of its knowledge, true and accurate at the date of issue. Forspec Protective Coatings reserves the right to amend this document without notice as part of its continuous product development.

2. Suitability and user responsibility. Substrates, site conditions, workmanship and conditions of use are beyond Forspec Protective Coatings' control. No representation or warranty is made as to the suitability of the product for any particular application. The user must determine the suitability of the product for the intended use by their own assessment and, where appropriate, testing prior to application.

3. Currency of document. It is the responsibility of the customer and the applicator to confirm that this document and the corresponding Safety Data Sheet are the current versions, available at www.forspec.com.au. This document supersedes all previous versions.

4. Compliant use and application. The product must be used strictly in accordance with this document, the relevant Australian Standards, the National Construction Code and all applicable laws and regulations, and must be applied by suitably qualified personnel.

5. Statutory guarantees. Nothing in this document excludes, restricts or modifies any consumer guarantee, right or remedy conferred by the Australian Consumer Law (Schedule 2 of the Competition and Consumer Act 2010 (Cth)) or any other statutory right that cannot lawfully be excluded.

6. Limitation of liability. To the fullest extent permitted by law: (a) all other warranties, conditions and representations, express or implied, are excluded; (b) the total liability of Forspec Protective Coatings for any claim arising out of or in connection with the supply or use of the product is limited, at its election, to the replacement of the product, the supply of an equivalent product, or the refund of the purchase price paid; and (c) Forspec Protective Coatings will not be liable for any indirect, special or consequential loss, including loss of profits, arising from the use of, or inability to use, the product.

7. Advice and recommendations. Any advice, recommendation, information or assistance provided by Forspec Protective Coatings, whether verbal or written, is given in good faith but without liability beyond that stated in clause 6.

8. Governing law. This document, and any claim arising out of or in connection with the supply or use of the product, is governed by and interpreted in accordance with the laws of New South Wales, Australia. Any disputes arising from or relating to this document or the product are subject to the exclusive jurisdiction of the Courts of New South Wales, consistent with the Forspec Standard Product and Performance Warranty.



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