



ACTFLEX 300.

Technical Data Sheet

Advanced Primer for Butyl Series Waterproofing Membranes

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Description

ACTFLEX 300 is a specialized primer for butyl series membranes, featuring a new formulation composed of polymer emulsion and multifunctional additives. It is designed with excellent sealing properties, strong permeability, high interface strength, and effective membrane bonding capabilities. Unlike traditional primers, **ACTFLEX 300** does not form a film on the substrate, allowing for unhindered penetration of the butyl self-adhesive layer into the base layer. This primer serves as an essential surface treatment agent for rubber-based waterproofing membranes and non-asphalt rubber waterproofing membranes.

Advantages

- Optimized for butyl series waterproofing membranes to enhance adhesion.
- Advanced polymer emulsion with multifunctional additives for superior performance.
- Provides strong permeability and high interface strength for better bonding.
- No surface film formation, allowing deeper penetration of the butyl self-adhesive layer.
- Facilitates better substrate penetration for improved adhesion and durability.
- Compatible with rubber-based and non-asphalt rubber waterproofing membranes.
- Enhances overall waterproofing integrity by creating an optimal bonding surface.

PRODUCT PARAMETERS

- Non-volatile content/%: >8%
- pH Value: >7
- Surface Drying Time/min: >90 MIN
- Construction temperature: 5°C-35°C
- Bucket size: 18kg

Application Method

Surface Preparation:

- Ensure the substrate is clean, dry, and free from oil, wax, dust, and loose contaminants.
- Apply the primer evenly across the surface for uniform coverage
- Allow the primer to dry fully before applying membranes to ensure optimal adhesion.

Application Method:

- Stir well before use to maintain consistency.
- Apply using a brush, roller, or spray for even distribution.
- Ensure complete coverage without pooling or excess buildup.

Coverage & Dosage:

- Recommended application: 1-2 coats per kg. Covers approximately 3-5m² per kg, depending on substrate porosity.

Drying Time:

- Allow sufficient drying time before membrane application.
- Drying time may vary based on temperature, humidity, and substrate conditions.

Storage & Shelf Life:

- Store in a cool, dry, ventilated area (5°C-30°C), away from direct sunlight.
- Avoid exposure to extreme temperatures to maintain product stability.

Shelf life: 12 months (unopened, stored under optimal conditions).

Limitations

ACTFLEX 300 should not be applied to surfaces with excessive moisture content, as this can hinder proper adhesion and effectiveness of the primer. Ensure that the substrate is

sufficiently dry before application to prevent potential adhesion issues and to achieve optimal performance of the waterproofing system.

Cleaning

Clean up immediately while still wet. Wipe down with solvent to clean tools & equipment. Once dry, is difficult to remove and mechanical means may be necessary. No.1. Observe all

OH&S and MSDS information pertaining to safe usage and handling of solvents.

DO NOT discharge product or water from cleaning into sewer or waterways.

DO NOT touch the spill material.

Safety - When handling DO NOT eat, drink or smoke

ACTFLEX 500 NP PRIMER is hazardous and may cause skin and/or eye irritations. Use for intended purpose only. Observe good industrial hygiene. Keep all sources of ignition away. Always use in a well-ventilated area and wear Personal Protection Equipment (PPE). Change soiled work clothes and wash hands before breaks and after finishing work. In case of eye contact, rinse with plenty of water. If inhaled, remove to fresh air, if discomfort persists, if any breathing difficulties occur or if swallowed (do NOT induce vomiting), immediately contact Doctor or Poisons Information centre and seek medical attention. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or 0800 764 766 (NZ). or a doctor for advice. IN TRANSPORT EMERGENCY DIAL 000 – POLICE-FIRE BRIGADE. Local regulations as well as health and safety advice on packaging labels must be observed. For more information, please download a copy of the SDS from www.forspec.com.au.

KEEP OUT OF REACH OF CHILDREN.

DO NOT allow wash water from cleaning or process equipment to enter drains.

DO NOT discharge into sewer or waterways.

DO NOT seal or stopper drums being decontaminated as CO2 gas is generated and may pressurize containers.

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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