



## TECHNICAL DATA SHEET

**Product:** MULTI-PRO CWS

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**Prepared by:** Technical – Nardus Snyman

### SCIENCE AND TECHNOLOGY AT WORK

#### PRODUCT DESCRIPTION

MULTI-PRO CWS is a two-component cementitious waterproofing slurry designed to form a continuous, flexible, and durable waterproof barrier on cementitious and masonry substrates. Once cured, the system produces a uniform membrane exhibiting long-term elasticity, suitable for substrates exposed to extreme weather variations and structural movement.

The system comprises a proprietary SS-03 Multi-Pro liquid resin and a specially formulated Portland cement-based powder. The powder component is gradually incorporated into the liquid under mechanical agitation to produce a homogeneous, workable slurry. Viscosity may be adjusted by reducing the liquid component as required.

In demanding conditions, including aged substrates or areas subject to movement, the use of polypropylene or glass reinforcement mesh is recommended. Upon full curing, the system provides permanent resistance to water and moisture ingress.

#### FUNCTIONAL PERFORMANCE

The cured coating may be finished to a smooth surface without mechanical abrasion. Decorative coatings may be applied directly without specialised primers. MULTI-PRO CWS is suitable as a preparatory waterproofing layer for substrates exhibiting hairline cracking.

#### PERFORMANCE BENEFITS

- Straightforward mixing and application.
- Suitable for extensive waterproofing applications.
- Serve as a primer for quality water based waterproofing/paint products.
- Brush, roller, or trowel application capability.
- Smooth, continuous waterproof film.
- High flexibility and resistance to weathering.
- Strong adhesion to damp concrete and masonry.
- Crystalline, moisture-impervious structure after curing.
- Approved for potable water containment.
- High solids content for dense membrane build.



## MIXING PROCEDURE

The powder component must be introduced gradually into the liquid component while mixing continuously using a mechanical mixer. Mixing shall continue until a smooth, uniform, and lump-free slurry is achieved.

## APPLICATION GUIDELINES

Application may be carried out by brush, roller, or trowel. Typical coverage is 0.6 – 0.7 kg per square metre per coat, depending on substrate condition and porosity. Excessive application thickness may result in surface cracking. Each successive coat must be applied perpendicular to the previous coat. All tools and equipment must be cleaned immediately after use with clean potable water.

## SURFACE PREPARATION AND CONDITIONS

All substrates must be clean, structurally sound, and free from dust, oil, grease, or contaminants. Surfaces must be pre-dampened prior to application; standing or pooled water is not permitted. A minimum interval of eight (8) hours must be allowed between coats. Mixed material must be used within 45 minutes.

## COMPATIBLE SUBSTRATES

- Cement plaster.
- Terraces and balconies.
- Wet rooms.
- Dry walling systems.
- Ceilings.
- Concrete retaining structures.
- Basement walls.
- Bathrooms and shower enclosures.
- Balconies beneath tiles.

## SYSTEM REINFORCEMENT

In areas exposed to movement or cracking, the use of a reinforcing membrane is strongly advised to improve tensile strength and mechanical performance. Embedded reinforcing membrane over structural cracks where required.

## PROTECTIVE OVERCOATING

Where exposed to atmospheric conditions, MULTI-PRO CWS must be protected with a suitable MULTI-PRO overcoating system, such as MULTI-PRO BITUMEN, MULTI-PRO INFINITE RUBBER, or another compatible water-based coating.

## TECHNICAL DATA

Solid Content: 65%.

Solvent Type: Water based.

Pot Life: 45 minutes.



Coverage: 0.6 – 0.7 m<sup>2</sup>/kg per coat.

Wet Film Thickness: 0.7 – 1.0 mm per coat.

Colour: Grey (mixed).

Water Ingress: Zero after 72 hours (Wacker Test Method).

Application Temperature: Minimum 8 °C / Maximum 32 °C.

Drying Time at 25 °C: 8 hours.

Recoat Interval: Minimum 8 hours.

Full Cure: 7 days.

Shelf Life: 9 months.

Mixing: Stir thoroughly and regularly.

Surface Condition: Moist.

Cleaning: Potable water.

Packaging: Part A and Part B.

### HEALTH, SAFETY & HANDLING

- Wear appropriate personal protective equipment during application.
- Apply protective barrier cream to exposed skin.
- Clean tools immediately after use with potable water.
- Prevent material from entering stormwater drains or sewer systems.
- Product is not intended for ingestion.
- In case of eye contact, rinse thoroughly with clean water.
- Avoid inhalation of vapours.
- Individual skin sensitivity reactions may occur.
- KEEP OUT OF REACH FROM CHILDREN.

### DISCLAIMER

The information contained in this Technical Data Sheet is provided in good faith and is based on laboratory testing and practical experience. It is provided for guidance purposes only. As conditions of application, surface preparation, and use are beyond the control of Multi-Pro Distributors, no warranty, whether express or implied, is given regarding the final results obtained. The user is responsible for determining suitability and regulatory compliance.

### COMPANY INFORMATION

Brand Owner & Distributor:  
MULTI-PRO DISTRIBUTORS (Pty) Ltd



Sales:

Nardus Snyman +27 (0) 83 976 0509 nardus@multi-pro-distributors.co.za

Christo Stander +27 (0) 61 248 1317 christo@multi-pro-distributors.co.za

Jaco Moolman +27 (0) 82 579 7546 jaco@multi-pro-distributors.co.za

Technical Enquiries: technical@multi-pro-distributors.co.za

Manufactured by:

ACOX TRADING (Pty) Ltd

Unit 15, 31 Rorich Avenue, Pumelani AH, Pretoria, South Africa

Reg. No.: 2023/227340/07 | VAT No.: 484 031 6097

Quinten +27 (0) 71 880 2155

factory@multi-pro-distributors.co.za

Manufactured under affiliation for MULTI-PRO DISTRIBUTORS (Pty) Ltd.

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