



TECHNICAL DATA SHEET

Product: MULTI-PRO GRIP KEY FUSION 2 IN 1

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Prepared by: Technical – Nardus Snyman

SCIENCE AND TECHNOLOGY AT WORK

PRODUCT OVERVIEW

MULTI-PRO GRIP KEY FUSION 2 IN 1 is a high-performance adhesion-promoting formulation incorporating imported nano-particle resin technology and proprietary water-repellent chemistry. The product is engineered to significantly improve bond strength of plaster systems applied to pre-levelled cementitious substrates, cement plaster, and gypsum-based surfaces.

The formulation exhibits a semi-viscous consistency, enabling partial penetration into the substrate during application. In addition to surface priming, the product may be incorporated directly into cementitious mixes to enhance adhesion and improve the mechanical performance of cured plaster.

Developed using advanced Multi-Pro SS-03 resin technology, the product delivers durable bonding, improved workability, moisture resistance, and enhanced surface performance.

FUNCTIONAL APPLICATIONS

- Functions as a bonding agent on aged, friable, or powdery cement surfaces, ensuring long-term adhesion and moisture resistance after curing.
- When added to plaster mixes, enhances paste flow, workability, surface finish, and reduces drying time while imparting water resistance.
- Allows adjustment of mix consistency to achieve a range of textures and surface finishes.

PRODUCT CHARACTERISTICS

- Water-based liquid with murky white appearance.
- Dries to a transparent finish.
- Hydrophobic (water-repellent).
- Forms a hard, durable film upon curing.
- Non-toxic formulation.
- Resistant to peeling, blistering, and flaking.
- No mechanical hacking of smooth surfaces required.
- Enhances adhesion to painted surfaces.
- Easy and economical to apply.
- Applicable by brush or roller.



PERFORMANCE BENEFITS

- Simple and efficient application.
- Reduced downtime.
- Rapid drying characteristics.
- Long-lasting durability.
- Economical consumption.

RECOMMENDED USES

- Bonding agent / adhesion enhancer.
- Scratch coat binder.
- Waterproofing slurry component.

APPLICATION GUIDELINES

SURFACE PREPARATION

- Remove all dust, contaminants, loose material, and flaking paint.
- Pressure wash or wire brush surfaces where required.
- Abrade remaining paint residues using 80-grit sandpaper.
- Do not apply below 10 °C or when rainfall is expected.
- Eliminate mould using household detergent.
- Ensure substrate is dry for bonding applications.
- For waterproofing slurry, pre-wet surface with potable water without ponding.

APPLICATION AS A BONDING LIQUID

- Supplied ready for use; do not dilute.
- Apply using brush, roller, or air-assisted spray equipment.
- Allow a minimum of 4 hours between coats where required.
- Approximate coverage: 6 – 10 m² per litre.

APPLICATION AS A SCRATCH COAT

- Add 1 litre potable water to container.
- Add 1 litre MULTI-PRO GRIP KEY FUSION 2 IN 1 and mix.
- Add equal parts washed building sand and Portland cement.
- Mix until uniform and lump-free.

Approximate coverage: 4 – 8 m² per litre.

APPLICATION AS A WATERPROOFING SLURRY

- Add 1 litre potable water to container.
- Add 1 litre MULTI-PRO GRIP KEY FUSION 2 IN 1 and mix thoroughly.
- Gradually add 3.3 kg Multi-Pro CEM-FUSION 3IN1 while stirring.
- Ensure substrate is damp prior to application.



- Apply with block brush or heavy-duty roller.
- Install pre-cut membrane immediately and embed firmly.
- Apply second coat after 30–60 minutes.
- Approximate system coverage: 1 m² with membrane.

TECHNICAL DATA

Colour: Murky white.

Solvent: Water-based.

Application Temperature: Minimum 5 °C / Maximum 35 °C.

Mixing: Stir frequently.

Solid Content: 47%.

Specific Gravity: 1.1.

Shelf Life: 12 months.

Cleaning: Clean potable water.

Packaging: 5 L / 25 L.

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 of 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.

MULTI-PRO GRIP KEY FUSION 2 IN 1 TDS