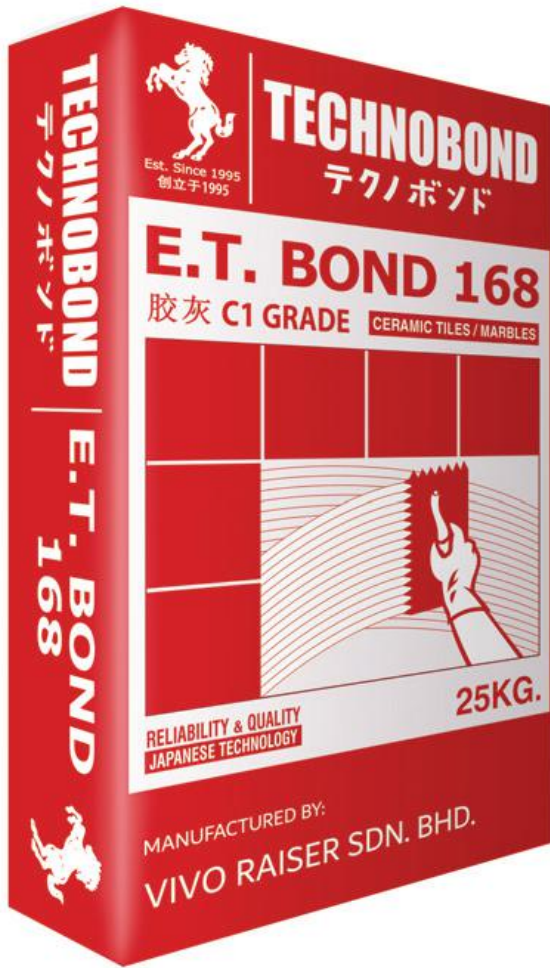


TECHNOBOND E.T. BOND 168 ECO SERIES

ADHESIVE FOR SMALL NON-HOMOGENEOUS TILES AND RENDER



TECHNICAL DATA

Packing	25Kg
Colour	Light Grey
Mixing Ratio	25Kg 168 + 6.5kg Clean Water
Coverage Per Bag (Approx)	1' x 1' Tile : 26 pieces
Grade	   
Item Code	F02B

APPLICATION



1' x 1' TILES



PLASTER BEFORE TILING

HOW TO USE

华语



EN



TECHNICAL DATA





TECHNICAL DATA SHEET

TECHNOBOND ET BOND 168 25KG

PRODUCT DESCRIPTION

TECHNOBOND ET Bond 168 25kg is a high quality cement-based and water resistant render plaster which can be used in interior and exterior conditions.

USES

Application on concrete substrate, bricks, precast unit & most of the cement substrates.

ADVANTAGES

- ✓ C1 Compliance
- ✓ Mixes and applies easily
- ✓ Very good adhesion to substrates
- ✓ High compressive strength
- ✓ Non-toxic, same as cement
- ✓ Improve bond strength
- ✓ Improve productivity

PRODUCT DATA

Form	: Powder
Appearance / Colours	: Grey
Packaging	: 25 kg
Storage Conditions / Shelf Life	: 12 months from the date of production if stored properly in original, unopened and undamaged sealed packaging, in cool, dry conditions. Keep away from direct sunlight.

TECHNICAL DATA

Binder	: Ordinary Portland Cement
Filler	: Graded Silica Sand / Limestone powder
Aggregate Size	: 1-1.5mm

HEALTH AND SAFETY INFORMATION

For information and advice on the safe handling, storage, and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet (available upon request) containing physical, ecological toxicological and other safety-related data



SYSTEM INFORMATION

Application Details	: 25kg TECHNOBOND ET Bond 168 +
Mixing ratio	: 6.5kg clean water
Coverage	:
(According to mixing ratio above)	: Tiles: 3m ² for 6mm notched trowel 2m ² for 10mm notched trowel

Substrate Preparation	: Concrete or plaster surfaces must be clean, free from grease, oil, and loosely adhering particles.
-----------------------	------------------------------------------------------------------------------------------------------

APPLICATION INSTRUCTIONS

Application Method / Tools	: Refer Method Statement.
Cleaning of Tools	: Clean all tools and application equipment with water immediately after use.
Pot Life (maximum)	: 180 ~ 240 minutes (at room temperature). Pot life is shorter at higher temperatures.
Notes on Application / Limitations	: Do not use on gypsum, wood, metal or painted surface.

LEGAL NOTES

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. Neither Shijiru Sdn Bhd nor any of its parent's companies assumes any liability what so ever for the accuracy or completeness of the information contained herein.

VIVO RAISER SDN. BHD. (920807-P)

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METHOD STATEMENT TECHNOBOND E.T BOND 168



1. INTRODUCTION

TECHNOBOND 168 is a high-quality cement adhesive tailored for designed for 300mm x 300m ceramic tiles and homogeneous tiles on walls and floors. This adhesive is classified as C1 according to EN 12004 / ISO 13007. It function as a multi-purpose thin render for wall surface preparation. Its balanced blend of cement, graded sand, and performance additives provides excellent adhesion, ease of application, and strong mechanical properties, enabling the product to serve dual functions on site. The

purpose of this document is to ensure that tiling works are executed safely, efficiently, and in full compliance with project specifications, manufacturer's recommendations, and industry best practices.

2. SUBSTRATE PREPARATION & INSPECTION

- a) Ensure all surfaces are structurally sound, level, clean, and free from dust, oil, grease, curing compounds, paint flakes, laitance, and any foreign matter that may impair adhesion.
- b) Concrete walls/floors must be cured for a minimum of 28 days before tiling.
- c) Cement renders and screeds must be cured for at least 7 days, finished to a semi-smooth surface with a wood float, and checked for sound adhesion. Cracks must be repaired before tiling.
- d) Painted surfaces must be mechanically roughened (wire brush or grinding) to expose a sound substrate. Loose or flaking paint must be removed.

***Lightly dampen the surface before applying for Rendering Application*

- e) Background tolerances must comply with tiling standards. When checked with a 2m straightedge, the deviation must not exceed 3 mm. Local correction (up to 6 mm) may be carried out using TPS Thin Bed Adhesive.



3. MATERIAL PREPARATION

- One (1) bag of TECHNOBOND 168 = 25 kg.
- Tile Installation > Water required: 5.5 liters (22% by weight of cement).
- Wall Rendering > Water required: 6 liters (24% by weight of cement)
- ***Mixing water must be potable, free from salts and organic impurities.*
- Coverage:

1' x 1' Tile: approximately 26 pieces (varies with trowel thickness and wall leveling)

Recommended tile sizes:

- Wall tiles: up to 300 × 300 mm
- Floor tiles: up to 300 × 300 mm

***For larger tiles, or areas subject to high load/vibration, a C2 class adhesive is recommended.*

- For specific applications (large format tiles, external works), TPS Bonding Agent may be added in a 1:1 water-to-bonding agent ratio to improve adhesion.



4. MIXING PROCEDURE

- Pour the measured clean water into a suitable mixing container.
- Gradually add the powder while mixing continuously with a slow-speed drill mixer (400–600 rpm).
- Mix for 3–5 minutes until a smooth, homogenous, lump-free paste is achieved.
- Allow the mixture to stand (slake) for 3–5 minutes. Re-mix before application.
- Do not add extra water after mixing.

***Pot life: Up to 30minutes after mixing.*

5. APPLICATION

5.1 Tile Installation



- Spread adhesive onto the prepared substrate using a trowel, then comb through with a notched trowel of appropriate size (e.g., 6 mm × 6 mm for tiles ≤ 300 mm × 300 mm).
- Do not spot-fix tiles. If tile backs are dusty, clean with a damp cloth.
- Apply only as much adhesive as can be installed within the product's open time (~10 minutes). Do not allow the adhesive surface to skin before tiling. Total thickness of the adhesive should not exceed 10mm after pressed/hammered/levelling.
- After spreading the adhesive, press/hammer the tile firmly with rubber hammer into place with a slight sliding/twisting motion to achieve maximum coverage.
- For tiles ≥ 300 mm × 300 mm, or with deep ribs/lugs, back-butter the tile with 4-5 mm adhesive (mixed with TPS Bonding Agent solution 1:1) to ensure full bedding and eliminate voids.



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RegNo: 201001036884 | TIN: C21294886050 | MSIC Code: 23959 | SST No: A10-2508-22200004

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- f) Periodically remove a tile during fixing to check proper adhesive contact coverage (minimum 80% internal, 95% external, as per ISO 13007).

5.2 Wall Rendering

- a) Apply a thin, even coat of render using a steel trowel at a thickness of 2–3 mm per layer.
- b) Press firmly to ensure proper bonding to the substrate.
- c) For total thickness above 3 mm, apply in **two thin layers**, allowing the first layer to set before the second.
- d) Smooth and level the surface using a straight edge or trowel.
- e) If a fine finish is required, Lightly trowel after the material begins to firm up, OR sponge float to achieve a slightly textured finish.

**Avoid over-troweling, as this may cause surface cracking or powdering.

6. CURING & PROTECTION

6.1 Tile Installation

- a) Tiles must not be exposed to running water or rain for at least 24 hours after installation.
- b) Grouting can commence after 24 hours.
- c) Light foot traffic is permitted after 4 days.
- d) Heavy foot traffic and loading are permitted only after 14 days.
- e) Protect tiled areas with boards or sheets against impact, staining, or contamination during curing.
- f) Avoid application under direct sunlight, rain, or strong wind.
- g) Recommended substrate temperature: 5°C – 35°C.

6.2 Wall Rendering

- a) Light misting may be done for the first 24 hours if the weather is hot or windy.
- b) Avoid water ponding or direct water splash.
- c) Protect the surface from rapid drying, dust, or impact.



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7. QUALITY ASSURANCE & SAFETY

- Conforms to ISO 13007 / BS EN 12004 requirements for cementitious adhesives.
- Ensure mixing water is clean and potable.
- Wear gloves, goggles, and dust mask. Avoid inhalation of dust and contact with skin.
- First aid: In case of contact with skin or eyes, rinse immediately with clean water and seek medical advice if irritation persists.



8. DISCLAIMER

The information provided herein is based on our best knowledge and is intended as a general guide for the proper use of TECHNOBOND 168. Conditions of use are beyond the manufacturer's control, and no warranty is expressed or implied. It is the responsibility of the applicator/contractor to determine the suitability of the product for the intended application.

Last Revision: [17/1/2026]



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SAFETY DATA SHEET

1. PRODUCT & COMPANY INFORMATION

General Product Name : **TECHNOBOND ET Bond 168 25kg**
Product Description : **Cement-based product formulated for installation of tiles, brick and concrete block.**

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS #	Description
Colored Composite Cement	65997-15-1	A preparation of cementitious mix based on a significant portion of ordinary portland cement, graded sand and other chemicals. Detail information on content is confidential.

3. HAZARDS IDENTIFICATION

Classification of the hazardous chemical

Skin corrosion/irritation : Category 2
Serious eye damage/eye irritation : Category 1
Skin sensitisation : Category 1

Label elements

Hazard pictograms :

Signal word : Danger

Hazard statements : H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.



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Precautionary statements :

Prevention:

P261 Avoid breathing dust.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.

Response:

P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362 Take off contaminated clothing and wash before reuse.

Other hazards which do not result in classification

None known.

4. FIRST AID MEASURES

If irritation or other symptoms (as noted above) occur or persist from any route of exposure, remove the affected individual from the area and get medical aid.

EYES: Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Occasionally lifting the upper and lower eyelids with fingers and roll eyes in circular motion. Get medical aid if needed.

SKIN: Wash exposed areas of the body with soap and water. Get medical aid if irritation develops or persists

INHALATION: Remove from area of exposure and move to fresh air immediately; seek medical attention if symptoms persist.

INGESTION: Never give anything by mouth to an unconscious person. Get medical aid. Do not induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cups or milk or water.

Note to Physician: Treat symptomatically and supportively.



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5. FIRE FIGHTING MEASURES

Ignition temperature: 285 C

EXTINGUISHING MEDIA:

Use water spray, dry chemical or foam. Carbon dioxide may be ineffective on a larger fires due to lack of cooling capacity which may result in reignition. Avoid hose streams or any method which will create dust clouds.

SPECIAL FIRE FIGHTING PROCEDURES:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Runoff from fire control or dilution water may cause pollution.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

All carbohydrates and dry chemical exhibits a potential dust explosion hazards if dust concentration in air is too high. Good housekeeping procedures are required to reduce this hazard.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Avoid breathing dust. Deny access to unprotected persons.

Environmental precautions : Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling:

Keep away from heat. Do not ingest. If ingested, seek medical advice immediately and show the container or the label. Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Avoid drinking, tasting, swallowing or ingesting this product. Provide eyewash fountains and safety showers in the work area.

Storage:

No special packaging required. Not classified as dangerous goods under the United Nations Transport Recommendations.



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8. EXPOSURE CONTROL /PERSONAL PROTECTION

Engineering Controls:

Facilities storing or utilizing this materials should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Always provide effective general and when necessary local exhaust ventilation to draw spray, aerosol, fume, mist, and vapour away from workers to prevent routine inhalation.

RESPIRATORY PROTECTION:

In case of insufficient ventilation, wear suitable respiratory equipment

PERSONAL PROTECTIVE EQUIPMENT EYES:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

OTHER PROTECTIVE MEASURES:

Employees must practice good personal hygiene, washing exposed areas of skin several times daily and laundering contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Powder

Appearance: Grey

Odour: Odourless

PH @ 1.0% H₂O: 6.0 – 8.0

Vapour Pressure: Not available.

Vapour Density, Not available.

Boiling Point: Not available.

Freezing/ Melting Point: Not available.

Decomposition Temperature: Not available.

Volatiles, % by weight: Not available.

Specific Gravity (H₂O=1): Not available.

Solubility in H₂O, % by Volume: Soluble

Evaporation Rate: Not available.

Viscosity: Not available.



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10. STABILITY AND REACTIVITY

GENERAL: This product is stable.

CONDITIONS TO AVOID: Incompatible materials, dust generation, excess heat

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: Strong oxidizing agents HAZARDOUS

DECOMPOSITION PRODUCTS: Combustion produces carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: Has not been reported.

11. Toxicological Information

Potential Health Effects:

CAUTION! Repeated inhalation of dust can cause sensitization to susceptible individuals & may cause eye irritation. Pre-existing skin problem may be aggravated by prolonged or repeated contact.

INHALATION: Dust inhalation may cause coughing, mucous production and shortness of breath.

EYE CONTACT: Direct contact may cause irritation.

SKIN CONTACT: Prolonged or repeated contact is no expected to create acute health effects.

INGESTION: No ingestion effect known.

Chronic health effects: None known

Symptoms / Sign of exposure: Irritation

Routes of exposure: Eye contact, Inhalation

Carcinogenic status: The components of this mixture are not known to be listed or regulated by IARC, NTP, OSHA, ACGIH.

As with all chemicals for which test data are limited or non-exist, caution must be exercised through the prudent use of protective equipment and handling procedure to minimise exposure.



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12. Ecological Information

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents. Dispose of as unused product.
Do not re-use empty containers.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number : Not applicable
Proper shipping name : Not applicable
Class : Not applicable
Subsidiary risk : Not applicable
Packing group : Not applicable
Labels : Not applicable
Environmentally hazardous : no

IATA-DGR

UN/ID No. : Not applicable
Proper shipping name : Not applicable
Class : Not applicable



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Subsidiary risk : Not applicable
 Packing group : Not applicable
 Labels : Not applicable
 Packing instruction (cargo aircraft) : Not applicable
 Packing instruction (passenger aircraft) : Not applicable

IMDG-Code

UN number : Not applicable
 Proper shipping name : Not applicable
 Class : Not applicable
 Subsidiary risk : Not applicable
 Packing group : Not applicable
 Labels : Not applicable
 EmS Code : Not applicable
 Marine pollutant : Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied. No special precautions are needed apart from those mentioned under heading 8.

15. REGULATORY INFORMATION:

Safety, health, and environmental regulations specific for the hazardous chemical

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

Occupational Safety and Health (Use and Standards of Exposure of Chemicals Hazardous to Health) Regulations 2000.

International Chemical Weapons Convention (CWC)

Schedules of Toxic Chemicals and Precursors: Not applicable



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16. OTHER INFORMATION:

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TEST REPORT

REPORT NO : 2023CB0625

PAGE : 1 OF 5

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THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant : VIVO RAISER SDN BHD
No. 9 & 10, Jalan PKNK 3/7,
Kawasan Perusahaan Sungai Petani,
08000 Sungai Petani,
Kedah, Malaysia

Manufacturer : same as above

Product : Technobond Tile Adhesive 168

Reference Standard / Method of Test : 1) BS EN 12004-1: 2017
Adhesives for ceramic tiles. Requirements, assessment, and verification of constancy of performance, classification and marking.
2) BS EN 12004-2: 2017
Adhesives for ceramic tiles. Test methods

Description of sample : One (1) bag of 15 kg Technobond Tile Adhesive 168 was received for testing.
Brand: Technobond
Product Description: C1 GRADE TILE ADHESIVE

Date Received of Complete Application : 04 July 2023

Job No. : J20231430382

Description of Test Results : The test result for the submitted test samples as described in this test report complied with the requirements of the above reference standard except Clause 4.1 (c) Tensile adhesion strength after heat aging.

Issued Date : 04 October 2023

Approved Signatory;

(NUR AIN BINTI KHAIRUDDIN)
Testing Executive



(RAJA NOR SIHA BINTI RAJA ABDUL HANAN)
Head
Civil & Construction Section
Testing Services Department

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TEST RESULTS:

Product : Technobond Tile Adhesive 168
 Mix ratio : 25 % of water
 Method of test : 1) BS EN 12004-1: 2017
 Adhesive for ceramic tiles. Requirements, assessment, and verification of constancy of performance, classification and marking.
 2) BS EN 12004-2:2017
 Adhesives for ceramic tiles. Test methods
 Clause 8.3: Determination of tensile adhesion strength for cementitious adhesives (C)
 Clause 8.3.3.2: Initial tensile adhesion strength
 Clause 8.3.3.3: Tensile adhesion strength after water immersion

CLAUSE	REQUIREMENTS	TEST RESULT	REMARK*
4.1	Cementitious adhesives (C) Normal Setting Adhesives C1 Additional Characteristic: - a) Initial tensile adhesion strength: $\geq 0.5 \text{ N/mm}^2$	1) 1.58 N/mm ² 2) 1.38 N/mm ² 3) 1.23 N/mm ² 4) 1.14 N/mm ² 5) 1.37 N/mm ² Mean: 1.34 N/mm ²	Pass
	b) Tensile adhesion strength after water immersion: $\geq 0.5 \text{ N/mm}^2$	1) 0.86 N/mm ² 2) 0.87 N/mm ² 3) 0.84 N/mm ² 4) 0.85 N/mm ² 5) 0.83 N/mm ² Mean: 0.85 N/mm ²	Pass

Note:

1) *Simple acceptance rule is used for the conformity statement. The level of risk regarding the Probability of False Accept is up to 50% according to ILAC G8:09

2) Testing period – 27th July 2023 to 21st September 2023

3) Testing location – Civil & Construction Section, Building 22, SIRIM Complex, Shah Alam, Selangor



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TEST RESULTS:

Product : Technobond Tile Adhesive 168
 Mix ratio : 25 % of water
 Method of test : 1) BS EN 12004-1: 2017
 Adhesives for ceramic tiles. Requirement, assessment, and verification of constancy of performance, classification and marking
 2) BS EN 12004-2:2017
 Adhesives for ceramic tiles. Test methods
 Clause 8.3: Determination of tensile adhesion strength for cementitious adhesives (C)
 Clause 8.3.3.4: Tensile adhesion strength after heat aging
 Clause 8.3.3.5: Tensile adhesion strength after freeze and thaw cycle

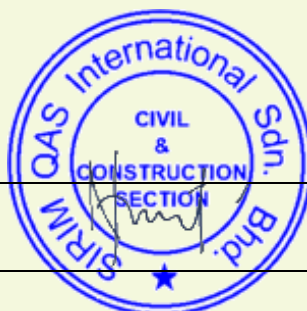
CLAUSE	REQUIREMENTS	TEST RESULT	REMARK*
4.1	Cementitious adhesives (C) Normal Setting Adhesives C1 Additional Characteristic: - c) Tensile adhesion strength after heat aging: $\geq 0.5 \text{ N/mm}^2$	1) 0.59 N/mm^2 2) 0.50 N/mm^2 3) 0.54 N/mm^2 4) 0.54 N/mm^2 5) 0.55 N/mm^2 Mean: 0.54 N/mm^2	Pass
	Additional Characteristic: - d) Tensile adhesion strength after freeze and thaw cycle: $\geq 0.5 \text{ N/mm}^2$	1) 0.64 N/mm^2 2) 0.55 N/mm^2 3) 0.61 N/mm^2 4) 0.57 N/mm^2 5) 0.52 N/mm^2 Mean: 0.58 N/mm^2	Pass

Note:

1) *Simple acceptance rule is used for the conformity statement. The level of risk regarding the Probability of False Accept is up to 50% according to ILAC G8:09

2) Testing period – 27th July 2023 to 21st September 2023

3) Testing location – Civil & Construction Section, Building 22, SIRIM Complex, Shah Alam, Selangor



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TEST RESULTS:

Product : Technobond Tile Adhesive 168
 Mix ratio : 25 % of water
 Method of test : 1) BS EN 12004-1: 2017
 Adhesives for ceramic tiles. Requirement, assessment, and verification of constancy of performance, classification and marking
 2) BS EN 12004-2:2017
 Adhesives for ceramic tiles. Test methods
 Clause 8.1: Determination of open time

CLAUSE	REQUIREMENTS	TEST RESULT	REMARK*
4.1	Cementitious adhesives (C) Normal Setting Adhesives C1 e) Open time: tensile adhesion strength: \geq 0.5 N/mm ² after not less than 20 min	1) 0.69 N/mm ² 2) 0.53 N/mm ² 3) 0.38 N/mm ² 4) 0.56 N/mm ² 5) 0.46 N/mm ² Mean: 0.52 N/mm ²	Pass

Note:

1) *Simple acceptance rule is used for the conformity statement. The level of risk regarding the Probability of False Accept is up to 50% according to ILAC G8:09

2) Testing period – 27th July 2023 to 21st September 2023

3) Testing location – Civil & Construction Section, Building 22, SIRIM Complex, Shah Alam, Selangor



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 - a) Informing and placing a notice in the media;
 - b) Obtaining an injunction from Court (cost on a solicitor-client basis to be borne by the Applicant);
 - c) Refusing to accept any further Product for Testing Services from the Applicant or whosoever related to the Applicant, whether subsidiary or otherwise;
 - d) Instructing the Applicant to withdraw and recall the advertisement, statement or document in question and advertise a clarification and apology to SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries twice in a national publication of SIRIM QAS International's choice at the Applicant's sole cost; and
 - e) Informing or lodging a report pertaining the Applicant's Test Report with the relevant authorities.
9. SIRIM QAS International is committed in supporting an environmentally-friendly business practices by reducing paper consumption, therefore we do not issue any hard copy of Test Report to the Applicant. However, additional certified true copy(ies) or softcopy of the Test Report may be issued upon request by the Applicant upon payment of the relevant fee. The certified true copy(ies) or softcopy of test report shall only be given for test report issued not more than three (3) years from the date of issuance.
10. Issuance of Amendment Report due to the following reasons are chargeable to the Applicant :
 - a) Changes in details of the Applicant name and/or address;
 - b) Changes in details of the Manufacturer's name and/or address;
 - c) Changes in details of the Factory location name and/or address;
 - d) Changes in details of the model and/or type designation
11. However, issuance of Supplementary Report due to the following reasons are FOC :
 - a) Misprints and typo errors;
 - b) Missing technical information as agreed in PP1 form;
 - c) Test data not reported;
 - d) Mistake in reporting of test data
12. Corrections to report shall only be allowed if the date of issuance of the original report has not exceeded 6 months and shall be limited to a maximum 3 times, after either case whichever occurs earlier, an Amendment or a Supplementary Report shall not be issued.

Certificate of Registration



This is to certify that the Environmental Management System of

VIVO RAISER SDN. BHD.

9 & 10, Jln Pknk 3/7, Kawasan Perindustrian Sungai Petani, 08000 Sungai Petani, Kedah, Malaysia.

is in accordance with the requirements of the following standard

ISO 14001:2015
(Environmental Management System)

SCOPE

**Manufacture for Plaster Additive, Skim Coat, Tile-Adhesive and
Cementitious Waterproofing**

(IAF Code: 12)

Certificate Number : 180325026036

Initial Registration Date : 18-Mar-2025

1st Surveillance Date : 18-Feb-2026

Next Due Date : 17-Mar-2026

Certificate Expiry Date : 17-Mar-2028

To verify certificate, visit at :

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Managing Director



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Certificate of Registration



This is to certify that the Occupational Health and Safety Management System of

VIVO RAISER SDN. BHD.

9 & 10, Jln Pknk 3/7, Kawasan Perindustrian Sungai Petani, 08000 Sungai Petani, Kedah, Malaysia.

is in accordance with the requirements of the following standard

ISO 45001:2018

(Occupational Health and Safety Management System)

SCOPE

Manufacture for Plaster Additive, Skim Coat, Tile-Adhesive and
Cementitious Waterproofing

(IAF Code: 12)

Certificate Number : 270225036005

Initial Registration Date : 27-Feb-2025

st Surveillance Date : 27-Jan-2026

Next Due Date : 26-Feb-2026

Certificate Expiry Date : 26-Feb-2028

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Abhishek
Managing Director



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Certificate of Registration



This is to certify that the Quality Management System of
VIVO RAISER SDN. BHD.
SHIJIRU SDN. BHD.

HQ: No. 9 & 10, Jalan PKNK 3/7, Kawasan Perusahaan Sungai Petani, 08000 Sungai Petani, Kedah Darul Aman, Malaysia.
Branch: No 27 & 29, Laluan Industri Lahat 1, Kawasan Perindustrian Lahat, 31450 Ipoh, Perak, Malaysia.

is in accordance with the requirements of the following standard

ISO 9001:2015
(Quality Management System)

SCOPE

Supply of Materials and Labour for Plastering, Skim Coating and Plasterboard Ceiling
and Manufacture for Plaster Additive, Skim Coat, Render, Tile-
Adhesive and Cementitious Waterproofing Chemical

(IAF Code: 29,35,12)

Certificate Number : 111125016018

Initial Registration Date : 11-Nov-2025

1st Surveillance Date : 10-Oct-2026

Next Due Date : 10-Nov-2026

Certificate Expiry Date : 10-Nov-2028

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Abhishek
Managing Director



CB-MS-3923



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