



Formulated For The Professionals
Adhesives & Sealants

CONSTRUCTION SOLUTIONS

Residential • Commercial • Institutional • Industrial • Public & Government Buildings



**PASSION FOR
EXCELLENCE
COMMITMENT TO
GREEN INNOVATION**



BUATAN MALAYSIA

A member of  **NIPPON PAINT**

A One-Stop Specialist Formulating for a Global Market

Vital Technical (V-tech) has been at the forefront of adhesive and sealant innovation for more than two decades, serving as a one-stop SAF solution provider for global construction needs.

We proudly export to over 70 countries, backed by ISO 9001, ISO 14001, and SEDEX standards that guarantee consistent performance and sustainability.

Through advanced technology transfer and partnership with Kaneka Japan, we are **Southeast Asia's No.1 MS Polymer Sealant producer.**

Now, through our mutual partnership with Nippon Paint Holdings Japan and Nippon Paint Malaysia, we integrate into the Total Coating & Construction Solutions (TCCS) ecosystem — enabling breakthrough product innovations and sustainable solutions that elevate project quality, environmental health, and ensure project success.

Vital Technical (V-tech) telah menerajui inovasi pelikat dan pengedap selama lebih dua dekad, berperanan sebagai penyedia penyelesaian SAF sehenti bagi memenuhi keperluan industri pembinaan global.

Kami dengan bangganya mengeksport ke lebih daripada 70 negara, disokong oleh pensijilan ISO 9001, ISO 14001, dan SEDEX yang menjamin prestasi serta kelestarian yang konsisten.

Melalui pemindahan teknologi maju dan kerjasama strategik dengan Kaneka Japan, kami kini merupakan **pengeluar No.1 Sealant MS Polymer di Asia Tenggara.**

Kini, melalui perkongsian bersama Nippon Paint Holdings Japan dan Nippon Paint Malaysia, kami disepadukan dalam ekosistem Total Coating & Construction Solutions (TCCS) — membolehkan inovasi produk yang berimpak tinggi serta penyelesaian mampan yang meningkatkan kualiti projek, kesihatan persekitaran, dan kejayaan keseluruhan projek.



Automotive Aftermarket



Industrial



Construction
(Door/Windows/Facade/Sanitary/
Plumbing/Flooring)



Hardware



Household DIY

Corporate Standard



ISO 9001 : 2015 QMS
Quality Management System



ISO 14001 : 2015 EMS
Environmental Management System

Sedex Member

Sedex Members Ethical Trade Audit
(SMETA)

PROFESSIONAL Added-values

Pioneering Green Solutions Through Technical Excellence

Adhesives & Sealants Innovation Centre



- 400+ Green formulation developed
- New product development
- Formulation optimization
- Custom colour matching

- Lebih 400 formulasi mesra alam dibangunkan
- Pembangunan produk baharu
- Pengoptimuman formulasi
- padanan warna



Material compatibility testing
Ujian keserasian bahan

Local manufacturer with global reputation
Pengilang tempatan dengan reputasi global

Project specification consultant
Perunding spesifikasi projek

Job-site technical support
Sokongan teknikal tapak kerja

V-tech Academy (Support & Training) Applicator kick start briefing

Malaysia V-tech (Sokongan & Latihan) Program Kick-start applicator



TOTAL COATING & CONSTRUCTION SOLUTIONS

A part of a total compatible system to every quality and beautiful finishing from bare to finish.



HEALTH GUARD

TESTED

Approved by Health Ministry
Toluene & Formaldehyde Free
Approved by Singapore NCA control of formality (VOC) by NCA under EPA

Healthy for you. Green for the planet.

At V-tech, sustainability means more than being eco-friendly — it means protecting the health of people and the planet. Our products are engineered to ensure safer indoor air quality, delivering a cleaner, healthier environment for every space we help build.

Bagi V-tech, kelestarian bukan sekadar tentang mesra alam, tetapi tentang menjaga kesejahteraan manusia dan planet kita. Setiap produk kami dihasilkan untuk meningkatkan kualiti udara dalaman dan mewujudkan ruang yang lebih bersih serta sihat untuk semua.



Functional Standard



ASTM C920
Product Standard Specification



SIRIM
SIRIM Product Certification Licence Scheme

ISO 11600

ISO 11600
Product Standard Specification



BS EN 1366-4:2006
Fire Resistance Tests



Cleanroom Suitable Material (CSM)
ISO-ACCm Class -6.7 / -7.0
(VT-626 White)

Green Standard



LEED
Leadership in Energy and Environmental Design (LEED) v4.1 credit



Low VOC
Low Volatile Organic Compound



SGBPLS
Singapore Green Building Product Labelling Scheme

Health Standard



FDA
FDA 21 CFR Part 175.300
Food Contact Safe



RoHS
RoHS I & RoHS II
The Restriction of Hazardous Substances Directive 2002/95/EC



SVHC
Substance of Very High Concern under the European Union's REACH regulation

APPLICATION PRODUCT TABLE

Pre-cast Building	Concrete Joint	VT-620 LM MS Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Paintable ■ Reduces paint staining 	
	Primer	602 Concrete Primer	<ul style="list-style-type: none"> ■ Improves adhesion ■ Quick dry 	
	Tie-Coat	609 High Performance Primer	<ul style="list-style-type: none"> ■ Tie-coat ■ Paintable ■ Prevent paint staining 	
Aluminium Composite Panel (ACP)	Weatherseal – Vertical Surface	VT-625 Ultimate Construction Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Vertical surfaces ■ Non-staining ■ Less dirt streaking 	
	Weatherseal – Horizontal Surface	VT-211 Weatherproofing Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Horizontal surfaces ■ Matte finish 	
Natural Stone Cladding	Weatherseal	VT-291 Non-Staining Stone Sealant	<ul style="list-style-type: none"> ■ ±25 % movement capability ■ Non-staining 	
Skylight Roofing and Stick Wall	Structural Glazing	VT-299 Structural Glazing Sealant	<ul style="list-style-type: none"> ■ Structural and non-structural glazing ■ One-component sealant 	
	Weatherseal	VT-211 Weatherproofing Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Indoor and outdoor use ■ Matte finish 	
Glass Fencing	Weatherseal	VT-210 High Performance Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Indoor and outdoor use ■ Gloss finish 	
		VT-211 Weatherproofing Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Indoor and outdoor use ■ Matte finish 	
Window and Door Perimeter Sealing	Glass to Aluminium Profile	VT-211 Weatherproofing Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Indoor and outdoor use ■ Matte finish 	
		VT-210 High Performance Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Indoor and outdoor use ■ Gloss finish 	
	Aluminium Profile to Concrete (Outdoor)	VT-620 LM MS Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Paintable ■ Reduces paint staining 	
		VT-624 MS Construction Sealant	<ul style="list-style-type: none"> ■ ±25 % movement capability ■ Paintable ■ Reduces paint staining 	
	Aluminium Profile to Concrete (Indoor)	VT-220 Seal-All-Gaps	<ul style="list-style-type: none"> ■ ±25 % movement capability ■ Paintable ■ Indoor use 	
	uPVC Frame to Concrete	VT-620 LM MS Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Paintable ■ Reduces paint staining 	
	Irregular Perimeter Gaps (≥25mm)	VT-268 PU Foam	<ul style="list-style-type: none"> ■ Fills large gaps 	
	Small Joint Between Aluminium	VT-280 Vitalseal	<ul style="list-style-type: none"> ■ Good wetting and sealing of small gaps ■ Exterior and interior applications ■ Bonds most building materials ■ Paintable ■ Excellent water & UV resistance 	
	Fire Retardant Joint Sealing	Fire Retardant Joint (Indoor and outdoor)	VT-219 Fire Retardant Silicone Sealant	<ul style="list-style-type: none"> ■ 4-hour fire rating ■ ±50 % movement capability ■ Bomba fire stop certified ■ Non-paintable
			VT-629 Fire Rated Hybrid Sealant	<ul style="list-style-type: none"> ■ 4-hour fire rating ■ ±25 % movement capability ■ Paintable ■ Bomba fire stop certified
Fire Retardant Joint (Indoor)	VT-228-Fire Retardant Sealant	<ul style="list-style-type: none"> ■ 4-hour fire rating ■ ±25 % movement capability ■ Paintable ■ Bomba fire stop certified 		
Sanitary Joints	Shower Screen and Sanitary Joints Sealing	VT-212 Sanitary Sealant	<ul style="list-style-type: none"> ■ Antifungal ■ ±25 % movement capability ■ Indoor and outdoor use 	
Angled Fillet Joints	Flat Roof Top or Bathroom	VT-624 MS Construction Sealant	<ul style="list-style-type: none"> ■ ±25 % movement capability ■ Paintable ■ Reduces paint staining 	

APPLICATION PRODUCT TABLE

FLOORING			
Concrete Flooring	Floor Slab Joint	VT-627 Self-Levelling MS Sealant	<ul style="list-style-type: none"> ■ Self-levelling ■ ±25 % movement capability ■ Easy to apply ■ Indoor & outdoor application ■ High modulus strength ■ Paintable ■ Good weathering resistance
Traffic Joint	Traffic Joint Resealing	VT-621 All Purpose MS Sealant	<ul style="list-style-type: none"> ■ High strength and elastic ■ Good UV resistance ■ Paintable ■ Isocyanate-free – No air bubbling ■ Solvent-free – No shrinkage ■ Primerless bonding to most substrates ■ Silicone oil-free – non-staining
		VT-627 Self-Levelling MS Sealant	<ul style="list-style-type: none"> ■ Self-levelling ■ ±25 % movement capability ■ Easy to apply ■ Indoor & outdoor application ■ High modulus strength ■ Paintable ■ Good weathering resistance
		VT-828 Roadseal	<ul style="list-style-type: none"> ■ Movement capability 100% extension and 50% compression ■ Weather and UV resistant ■ Ultra-high elongation & low modulus ■ Fuel resistant short-term exposure ■ Easy application
WALL DESIGN			
Mirror Bonding	Mirror Bonding	VT-230 Vital Nail	<ul style="list-style-type: none"> ■ Mirror and polystyrene safe ■ Strong initial grab strength ■ Adheres to vertical surfaces
		VT-210 High Performance Sealant	<ul style="list-style-type: none"> ■ Indoor and outdoor use ■ Gloss finish ■ Transparent ■ Mirror-safe
Decorative Wall Board	Bonding (Indoor)	VT-262 Instant Nails	<ul style="list-style-type: none"> ■ Professional choice ■ Instant grab ■ Non-drip paste ■ Bonds most materials ■ Formulated for vertical bonding application
Marble, Stone, Decorative Wall Board	Bonding (Outdoor)	VT-636 Floor and Wall Bonds	<ul style="list-style-type: none"> ■ Indoor and outdoor application ■ Paintable ■ Excellent adhesion on most substrates ■ Notched trowel ridges hold firm <ul style="list-style-type: none"> – Minimize hollow spots by bridging gaps ■ Free of water, 100% solid content <ul style="list-style-type: none"> – No dimensional changes in wood ■ Free of isocyanate and formaldehyde
Artificial Grass	Bonding	VT-632 Artificial Grass Adhesive	<ul style="list-style-type: none"> ■ Permanently elastic ■ Weatherproof ■ Green in color ■ No solvent ■ No isocyanate ■ Notched trowel ridges hold firm ■ Fast initial grab and curing time ■ Non-flammable, non-hazardous
		VT-636 Floor and Wall Bonds	<ul style="list-style-type: none"> ■ Indoor and outdoor application ■ Paintable ■ Excellent adhesion on most substrates ■ Notched trowel ridges hold firm <ul style="list-style-type: none"> – Minimize hollow spots by bridging gaps ■ Free of water, 100% solid content <ul style="list-style-type: none"> – No dimensional changes in wood ■ Free of isocyanate and formaldehyde
Roof & Gutter	Roof & Gutter Joint	VT-210 High Performance Sealant	<ul style="list-style-type: none"> ■ ±50 % movement capability ■ Indoor and outdoor use ■ Gloss finish
	Flashing	VT-422 UltraBand	<ul style="list-style-type: none"> ■ Easy to apply & strong instant bonding ■ Bonds with most materials ■ Excellent UV & water resistance
		VT-428 VitalFlash	<ul style="list-style-type: none"> ■ Easy to apply & strong instant bonding ■ Bonds with most materials ■ Excellent UV & water resistance ■ Multiple colours selection

APPLICATION PRODUCT TABLE

INDUSTRIAL SOLUTION (DATA CENTRE, COOL ROOM, COOLING TOWER)			
Raised Floor	Raised Floor Pedestals	VT-232 Eco Nails	<ul style="list-style-type: none"> ■ Certified Green Adhesive ■ Low VOC ■ APEO-, Formaldehyde- and Phthalate- free ■ Non-drip paste ■ Strong initial grab ■ Bonds most materials
Semiconductor Clean Room	Joint Sealing	VT-626 Green Sealant	<ul style="list-style-type: none"> ■ 25% movement capability ■ Paintable ■ APEO-, Formaldehyde- and Phthalate- free ■ No outgassing ■ Good UV resistance
Floor Insulation	Contact Adhesive	VT-388 Low VOC Contact Adhesive	<ul style="list-style-type: none"> ■ Low VOC compliant ■ Excellent adhesion ■ Bonds most materials
Cool Room	Cool Room Sealing	VT-241 Vital Coolroom Mastic	<ul style="list-style-type: none"> ■ Low VOC compliant ■ Moisture resistant ■ Non-skinning ■ Excellent adhesion
HVAC DUCTING SEALING			
Ducting	Heavy Duty (Oil, Grease, Chemical)	VT-284 High Performance Duct Sealant	<ul style="list-style-type: none"> ■ Fast cure ■ Weather, oil and chemical resistant ■ Excellent workability ■ Crack and peel resistant ■ Slump resistant ■ Minimal shrinkage ■ High solid content
	Green Certified	VT-286 Water-based Duct Sealant	<ul style="list-style-type: none"> ■ Low VOC and low odour ■ Food Contact Safe ■ Paintable ■ Excellent workability ■ Water-resistant ■ Crack and peel resistant ■ Slump resistant ■ High solid content ■ Mildew resistance
	Fire-rated Duct Sealant	VT-288 Fire Rated Duct Sealant	<ul style="list-style-type: none"> ■ Fire resistive ■ Certified Green Sealant ■ Low VOC and low odour ■ Excellent workability ■ Crack and peel resistant ■ Slump resistant ■ High solid content ■ Mildew resistant
HVAC Joint	Joint Sealing	VT-621 All Purpose MS Sealant	<ul style="list-style-type: none"> ■ High strength and elastic ■ Good UV resistance ■ Paintable ■ Isocyanate-free – No air bubbling ■ Solvent-free – No shrinkage ■ Primerless bonding to most substrates ■ Silicone oil-free – non-staining

TYPES OF SEALANT

Elastomeric Sealant



MS POLYMER SEALANT

- Good UV Resistance
- Paintable
- Less Dirt Streaking (Low Static Charge)
- No Silicone Oil (Non-staining)
- No Bubbling (No Isocyanate)
- No Shrinkage (No Solvent)
- Damp Substrate Bonding



Caulking Sealant



SILICONE SEALANT

- Excellent UV Resistance
- Not Paintable
- Oil Migration



ACRYLIC GAP SEALANT

- Paintable
- Indoor Use Only
- Water-based Material – Easy To Clean



COMMON PROBLEMS & SOLUTIONS

Pre-cast Building Joint Sealing

LEED
ASTM C920
MS SIRIM
609 HP PRIMER
VT-620 LM MS Sealant

Causing the Paint Film to Appear Backed and Stained

A barrier preventing sealant fluid / plasticiser from migrating to the finishing coat.

Aluminium Composite Panel (ACP) Facade Weatherseal

10+ PROVEN
2013 - 2023
ACP cladding of 16 units of factories located in PJ, Selangor, Malaysia sealed with MS Polymer sealant

MS SIRIM
LEED
ASTM C920
VT-625 Ultimate Construction Sealant
VT-211 Weatherproofing Sealant

Natural Stone Cladding Weatherseal

Migration

Free fluids in silicone sealant, mainly the silicone oil, can migrate into adjacent substrate, or onto the sealant surface. The hydrophobic fluids are effective in retaining dust particles.

VT-201 Non-Staining Stone Sealant

MS SIRIM
ASTM C920
VOC

Skylight Roofing & Weatherseal

Curtain Wall
Skylight Roofing

MS SIRIM
ASTM C920
VOC
VT-211 Weatherproofing Sealant
VT-299 Structural Glazing Sealant

COMMON PROBLEMS & SOLUTIONS

Door & Window Perimeter Sealing

Aluminium Frame to Concrete Joint Sealing
Glass to Aluminium Frame Joint Sealing
Huge Gap Between the Designed Joint & Frame

LEED
ASTM C920
MS SIRIM

VT-620 LM MS Sealant
VT-624 MS Construction Sealant
VT-210 High Performance Sealant
VT-211 Weatherproofing Sealant
VT-268 PU Foam

4 Hours Fire Rated Joint Sealing

Underground Tunnel Joints

Firedoor / Window Perimeter

MS SIRIM

ESL

VT-219 Fire Rated Silicone Sealant
VT-228 Fire Retardant Sealant
VT-629 Fire Rated Hybrid Sealant

Malaysia Fire & Rescue Department (Jabatan Bomba dan Penyelamat Malaysia)

Certification No. ESL-24-11667 EN 1365-4 Flame Wapergrenze

Floor Crack

Traffic Joint

Watertight seal best for horizontal applications

VT-627 Self-Llevelling MS Sealant

- Easy to apply
- Indoor & outdoor application
- High modulus strength
- Good weathering resistance
- Paintable

ASTM C920

Wall Decoration Board

OUTDOOR INDOOR

VT-636 MS Floor and Wall Bonds
VT-628 Power Screw
VT-262 Instant Nails
VT-233 Green Nails

- Non-sag Paste
- Low Odour & Low VOC
- Indoor & Outdoor
- Instant Grab
- Low VOC
- OUTDOOR
- Instant Grab
- Non-drip Paste
- Indoor
- Water-based
- Low VOC
- Indoor

VT-636 MS Floor and Wall Bonds
VT-628 Power Screw
VT-262 Instant Nails
VT-233 Green Nails

Shower Screen & Sanitary Joint Sealing

Fungus on Joint, Due to High Humidity & Temperature

FDA
MS SIRIM
ASTM C920
VOC

VT-212 Sanitary Sealant

Mirror Bonding

Mirror Staining Due to Incorrect Use of Adhesives Containing Certain Solvents

MS SIRIM
ASTM C920
LEED

VT-230 Vital Nails
VT-210 High Performance Sealant

Angle Fillet Joint

Flat Roof Top Washroom

Waterproofing Concrete Slab

VT-624 MS Construction Sealant

- Paintable
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage

ASTM C920
MS SIRIM

Solid & Engineering Wood Flooring

Buckling • Cupping • Crowning • Gaps

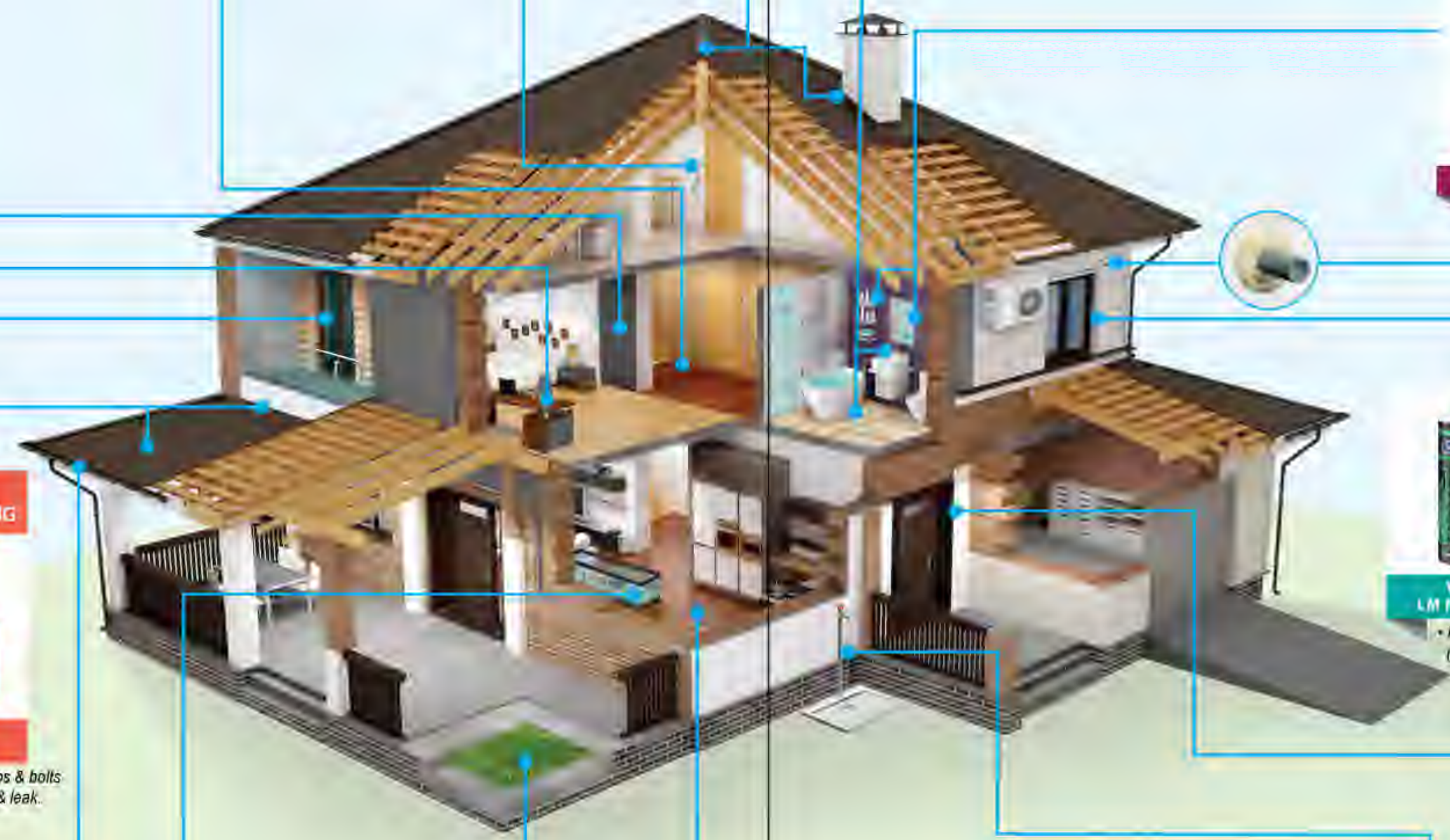
Free of solvent & isocyanate
Free of water, 100% solid content

4 in 1 Features

- Permanently Elastomeric
- Elastic after cure
- Accommodate movement
- Moisture Vapour Barrier
- Reduce vapour transmission from subfloor
- Minimize wood warping issues
- Notched Trowel Ridges Hold Firm
- Minimizes hollow spots
- Sound Dampening
- Elastomeric in nature
- Absorb impact from foot traffic

VT-636 MS Floor and Wall Bonds

VOC



WALL BOARD SOLUTIONS



VT-252 Instant Nails
VT-436 MS Filler and Wall Boards
 • Ideal for wall boards, vertical artificial grass, and marble installations

WOOD SEALING / REPAIR



VT-224 Rainbow Seal
VT-462 All Purpose Wood Filler
 • Sealing gaps with matched colour sealant (15 colour choices)
 • Repair wooden cracks / holes

WALL CRACK FILLING / REPAIR



VT-460 Instant Patchy Filler
VT-127 Crack Filler
 • Sealing & repair of hairline crack on wall.
 • Can be sanded.

ROOF FLASHING



VT-420 VitalSeal
VT-428 VitalFlash
VT-432 UltraSeal
 • Seal roof flashing to prevent / repair leak.

ANTIFUNGAL SEALANT



VT-212 Sanitary Sealant
VT-132 Sanitary Sealant
 • Sanitary sealant that prevents / slows down fungal growth at wet & high humidity areas.

CONTACT ADHESIVE



VT-328 Contact Adhesive
VT-120 / VT-125 Contact Adhesive (Toluene-free)
 • Commonly used adhesives for bonding substrates like laminates, metal, wood, PVC, leather etc.

MIRROR & TIMBER BONDING



VT-230 Vital Nails
VT-133 Vital Nails
VT-628 Power Screw
 • Adhesive / sealant suitable for mirror & timber bonding.
 • Power Screw provides instant grab (no support required).

WEATHERSEAL



VT-210 High Performance Sealant
VT-211 Weatherstripping Sealant
 • Well-suited for weatherproof gap sealing between aluminium & glass.

AWNING & ROOFING SEALING



VT-240 Awning Caulk
 • Seal roofing gaps & bolts to prevent rust & leak.

PERIMETER SEALING



VT-620 LM MS Sealant
VT-424 MS Construction Sealant
VT-223 Ultra Flex Gap Sealant
 • Paintable sealants for sealing gaps between window frame & wall (interior & exterior).

FILL LARGE GAPS



VT-266 / VT-268 PU Foam
 • Ideal to seal large gaps & provide insulation.

ROOF & GUTTER BONDING & SEALING



VT-218 / 218C Glass & Metal Sealant
 • A neutral silicone sealant for all metal & PVC roofing & gutter applications.

ALUMINIUM & GLASS BONDING



VT-130 / VT-134 Clear Sealant
VT-200 Multi Purpose Sealant
VT-201 All Purpose Sealant
VT-202 GP Sealant
 • Bonding & sealing of glass, aluminium, stainless steel & other common construction materials.

ARTIFICIAL GRASS BONDING



VT-532 Artificial Grass Adhesive
 • Exterior or interior artificial grass installation.

WOOD & PARQUET INSTALLATION & REPAIR



VT-750 Wood & Parquet Adhesive
VT-630 MS Flooring Adhesive
 • Water & MS-based adhesives for timber flooring installation & repair.

PVC SOLVENT CEMENT



VT-300 PVC Solvent Cement
 • Bonds PVC pipes & fittings.

PAINTABLE GAPS SEALANT



VT-222 All Purpose Gap Sealant
VT-226 GP Gap Sealant
VT-123 Seal-All-Gaps
 • Economic & paintable sealant for interior gaps sealing applications.

Glass, Aluminium, Natural Stone & ACP Facade



Product Standard

ROOF & GUTTER GLASS & ALUMINIUM SEALING



VT-210
High Performance Sealant
• A neutral silicone sealant for all metal & PVC roofing & gutter applications.

LARGE GAPS FILLING



VT-266 / VT-268
PU Foam
• Ideal for sealing and insulating irregular gaps. (>25mm)

PERIMETER SEALING



VT-620 LM MS Sealant
VT-624 MS Construction Sealant
VT-223 Ultra Flex Gap Sealant
• Paintable sealant ideal for window frame & wall perimeter sealing (interior & exterior).

NATURAL STONE FACADE SEALING



VT-291
Non-Staining Stone Sealant
• Non-staining silicone sealant specially formulated to prevent staining on porous substrates such as natural stones.

GLASS WEATHERSEAL



VT-210 High Performance Sealant
VT-211 Weatherproofing Sealant
• Sealing of glass, aluminium, stainless steel & other common construction materials.

ALUMINIUM COMPOSITE PANEL / FACADE CLADDING



VT-625 Ultimate Construction Sealant
VT-211 Weatherproofing Sealant
• Specially formulated for facade cladding, glass door & windows sealing.

STRUCTURAL GLAZING SEALING



VT-299
Structural Glazing Sealant
• Formulated for structural & non-structural glazing applications, supporting glass & other panel materials under high wind load.

FLOOR SLAB JOINT



VT-627
Self-Levelling MS Sealant
• Formulated for sealing horizontal crack and traffic joint on concrete, asphalt, stone, masonry and more.

SHOWER SCREEN / SANITARY SEALING



VT-212
Sanitary Sealant
• Antifungal sanitary sealant that can prevent / slow down fungal growth at high humidity areas.

MIRROR BONDING



VT-210 High Performance Sealant
VT-230 Vital Nails
• Strong adhesive / sealant suitable for mirror & timber bonding.

WALL PARTITION

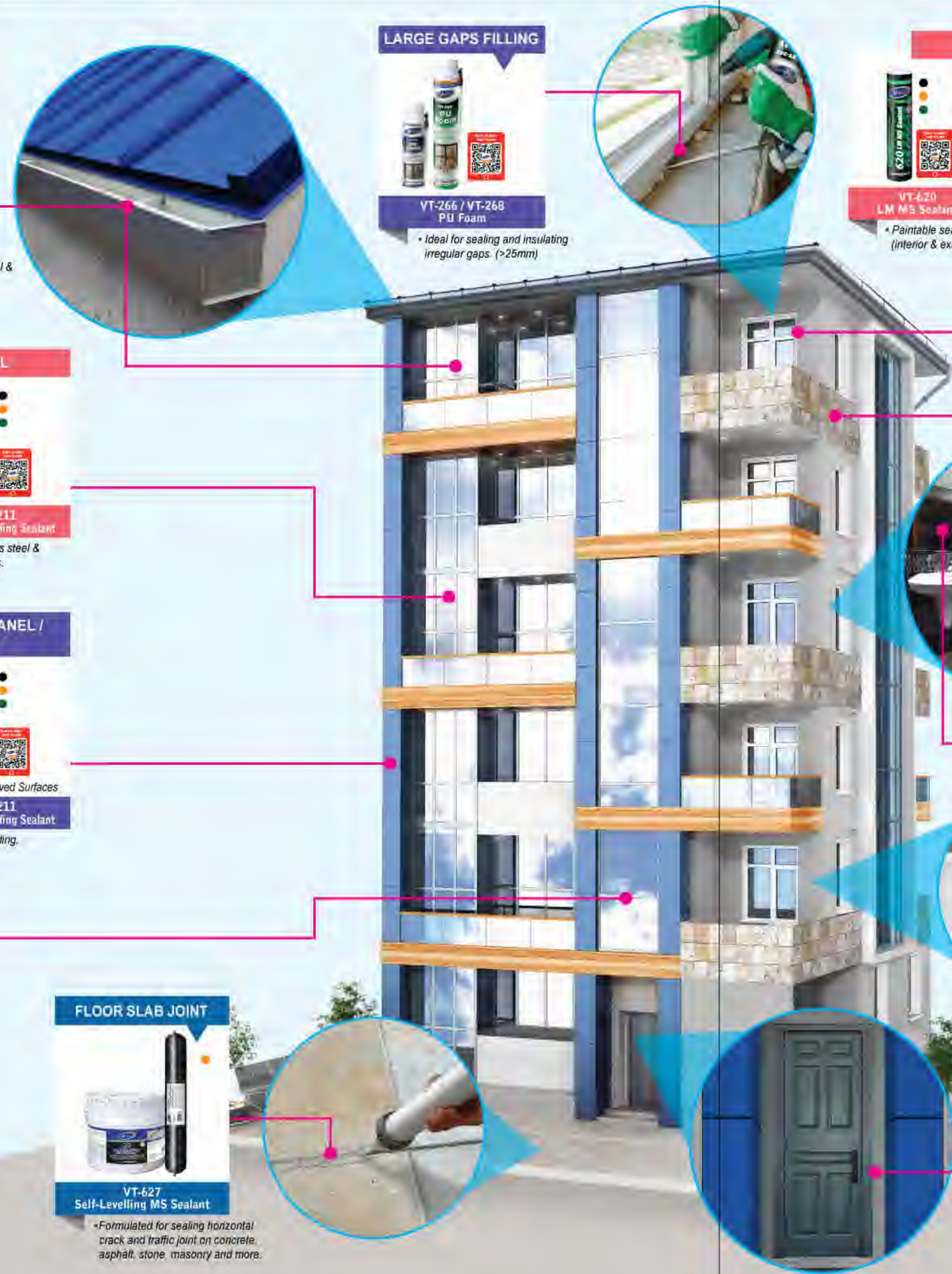


VT-629
Fire Rated Hybrid Sealant
• Paintable sealant for interior gaps sealing.
• Fire retardant sealant has 4-hour fire rating.

PAINTABLE GAPS SEALING



VT-220 Seal-All-Gaps
VT-228 Fire Retardant Sealant
VT-620 LM MS Sealant
• Economical & paintable sealant for interior gaps sealing.
• Fire retardant sealant has 4-hour fire rating.



MS POLYMER SEALANT



VT-620 / VT-620S LM MS Sealant Advanced MS Polymer

An elastomeric hybrid sealant based on advanced MS Polymer technology. It is a low-modulus sealant with high movement capability and excellent weathering characteristic.

Sealing concrete joints (precast wall panels, expansion joints, control joints, connection joints, etc.), window frame perimeter especially when the sealant needs to be painted. Other applications sealing of GRC panel systems, anodized aluminium, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, uPVC, polystyrene, and stainless steel.

APPLICABLE TESTS / STANDARDS:

- LEED v4.1 EQ Credit
- ASTM C920 (Class 50)
- ISO 11600 (F Class 25 LM)
- FDA 21 CFR Part 175.300
- Low VOC (SCAQMD Rule 1168)
- SIRIM Product Certification Licence Scheme
- Toluene: EU REACH Annex XVII Entry 48
Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- ±50 % movement capability
- Paintable
- Better weathering resistance than PU sealants
- Low static charge – Less dirt streaking
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage
- Primerless bonding to most surfaces

COLOURS: (Special colour available upon request)

White, Grey and Black

MATERIAL WARRANTY:

10 Years (Paint Coated) • 5 Years (Without Paint Coat)

Pengedap hibrid berasaskan teknologi 'MS Polymer' yang canggih. Ia adalah pengedap modulus rendah dengan keupayaan pergerakan ±25% dengan ketahanan cuaca yang baik. Ia sesuai untuk mengedap sambungan fillet (dinding ke dinding, persimpangan dinding ke lantai) sebagai sebahagian daripada sistem kalis air.

Digunakan untuk mengedap sambungan konkrit (panel dinding pratuang, sambungan pengembangan, sambungan kawalan, dsb.), keiling bingkai tingkap terutamanya apabila pengedap perlu dicat. Penggunaan lain termasuk mengedap sistem panel GRC, aluminium teranod, batu, porselin, logam bersalut, kayu siap, panel epoksi dan poliester, uPVC, polistirena, dan besi tahan karat.

CONTENT	CARTON
290 ml Cartridge	20 / Carton
600 ml Sausage	20 / Carton



VT-624 / VT-624S MS Construction Sealant Advanced MS Polymer

A cost effective elastomeric sealant based on advanced MS Polymer technology. It is a low modulus sealant with ±25% movement capability with good weather resistance. It is suitable for sealing fillet joints (wall to wall, wall to floor junctions) as part of a waterproofing system.

Recommended for sealing of fillet joints (wall & floor movement junctions), precast wall panel joints, expansion joints, control joints, connection joints, etc. It is also ideal for window/door frame perimeter sealing especially when the sealant needs to be painted. Other recommended applications include sealing of GRC panel systems, anodized aluminium, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, UPVC, polystyrene, and stainless steel.

APPLICABLE TESTS / STANDARDS:

- ASTM C920 (Class 25)
- Low VOC (SCAQMD Rule 1168)
- SIRIM Product Certification Licence Scheme

FEATURES:

- ±25 % movement capability
- Good UV resistance
- Paintable
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage

COLOURS: (Special colour available upon request)

White, Grey and Black

MATERIAL WARRANTY:

10 Years (Paint Coated) • 5 Years (Without Paint Coat)

Pengedap hibrid kos rendah berasaskan teknologi 'MS Polymer' yang canggih. Ia adalah pengedap modulus rendah dengan keupayaan pergerakan ±25% dengan ketahanan cuaca yang baik. Ia sesuai untuk mengedap sambungan fillet (dinding ke dinding, persimpangan dinding ke lantai) sebagai sebahagian daripada sistem kalis air.

Digunakan untuk mengedap sambungan fillet (persimpangan pergerakan dinding & lantai), panel dinding pratuang, sambungan pengembangan, sambungan kawalan, dsb. Ia juga sesuai untuk mengedap keiling bingkai tingkap perimeter terutamanya apabila pengedap perlu dicat. Penggunaan lain termasuk mengedap sistem panel GRC, aluminium teranod, batu, porselin, logam bersalut, kayu siap, panel epoksi dan poliester, uPVC, polistirena, dan besi tahan karat.

CONTENT	CARTON
290 ml Cartridge	20 / Carton
600 ml Sausage	20 / Carton



VT-625 / VT-625S Ultimate Construction Sealant MS Facade Sealant

A premium elastomeric hybrid sealant based on advanced MS Polymer technology with excellent UV resistance. It is a low-modulus sealant with high movement capability.

Sealing facade cladding (metal panels, natural stones, etc.) and concrete joints (expansion joints, control joints, etc.) for construction applications.

APPLICABLE TESTS / STANDARDS:

- LEED v4.1 EQ Credit
- ASTM C920 (Class 50)
- ASTM C1248 (Non-staining)
- Low VOC (SCAQMD Rule 1168)
- SIRIM Product Certification Licence Scheme

FEATURES:

- ±50 % movement capability
- Excellent UV resistance – 10-year material warranty
- Paintable
- Low static charge – Less dirt streaking
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage
- Primerless bonding to most surfaces
- Matte finish

COLOURS: (Special colour available upon request)

Matte black, Matte grey and Matte white

MATERIAL WARRANTY:

10 Years

Pengedap premium berasaskan teknologi 'MS Polymer' yang elastik dengan ketahanan UV yang bagus. Ia adalah pengedap modulus rendah dengan keupayaan pergerakan yang tinggi.

Digunakan untuk mengedap panel komposit aluminium (panel logam, batu granit, dsb.) atau sambungan konkrit (sambungan pengembangan, sambungan kawalan, dan lain-lain) dalam aplikasi pembinaan.

CONTENT	CARTON
290 ml Cartridge	20 / Carton
600 ml Sausage	20 / Carton



VT-626 / VT-626S Green Sealant Advanced MS Polymer

An environmentally friendly, elastomeric hybrid sealant based on advanced MS Polymer technology. It is a low-modulus sealant with high movement capability and excellent weathering characteristic.

Sealing concrete joints (precast wall panels, expansion joints, control joints, FRC boards, etc.), façade cladding (metal panels, natural stones, etc.), window frame perimeter, etc. Other applications sealing anodized aluminium, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, UPVC, polystyrene, and stainless steel.

APPLICABLE TESTS / STANDARDS:

- ASTM C920 (Class 25)
- Cleanroom Suitable Material (CSM)
ISO-ACCm Class -6.7/-7.0 (VT-626 White)
- Low VOC (SCAQMD Rule 1168)

FEATURES:

- ±25 % movement capability
- No outgassing
- Good UV resistance
- Paintable
- Low static charge – Less dirt streaking
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage
- Primerless bonding to most surfaces

COLOURS: (Special colour available upon request)

White, Grey and Black

MATERIAL WARRANTY:

10 Years (Paint Coated) • 5 Years (Without Paint Coat)

Pengedap hibrid yang mesra alam berasaskan teknologi 'MS Polymer' yang canggih. Ia adalah pengedap modulus rendah dengan keupayaan pergerakan yang tinggi dan ciri-ciri ketahanan cuaca yang baik.

Digunakan untuk mengedap sambungan konkrit (panel dinding pratuang, sambungan pengembangan, sambungan kawalan, papan FRC, dsb.), panel komposit aluminium (panel logam, batu granit, dsb.), keiling bingkai tingkap, dsb. Penggunaan lain termasuk mengedap sistem panel GRC, aluminium teranod, batu, porselin, logam bersalut, kayu siap, panel epoksi dan poliester, uPVC, polistirena, dan besi tahan karat.

CONTENT	CARTON
290 ml Cartridge	20 / Carton
600 ml Sausage	20 / Carton



VT-628 Power Screw Instant Grab Adhesive Sealant

A one-component, instant-grab adhesive sealant based on advanced MS Polymer technology. The instant-grab capability eliminates the need for mechanical support: bracing, nailing, screwing, or other fastening devices. Adhesion is great over a wide variety of substrates and is paintable with common industrial paints.

Ideal for direct bonding of various heavy construction materials. It may be used without primer, to bond bathroom accessories, panel, skirting board, windowsills, stripes, thresholds, mirrors and isolating materials. It is also widely used in coach works and metal connecting joints in shipbuilding industry.

APPLICABLE TESTS / STANDARDS:

- Low VOC (SCAQMD Rule 1168)
- Toluene: EU REACH Annex XVII Entry 48
Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- Instant grab (No support required)
- High strength bonding
- Primerless bonding to most substrates

COLOURS: (Special colour available upon request)

White

Pelekat berasaskan teknologi 'MS Polymer' yang melekat dengan serta-merta, tidak memerlukan sokongan untuk memegang bahan yang dilekat.

Sesuai untuk pelekatan yang kuat bagi pelbagai aplikasi pembinaan, isi rumah, marin dan automotif.

CONTENT	CARTON
290 ml Cartridge	20 / Carton



VT-629 / VT-629S Fire Rated Hybrid Sealant MS Fire Rated Sealant

A single-component, moisture-curing sealant based on advanced MS Polymer technology that provides movement capability in fire rated joint applications. It is compliant with fire rating specification of BS EN 1366-4:2021.

Recommended for sealing of interior and exterior building and construction joints, providing fire protection for gap and movement joints with up to 4-hour fire ratings. It is used for sealing joints in precast and in-situ concrete, expansion joints, tilt-up construction, brickwork, and underground tunnels.

APPLICABLE TESTS / STANDARDS:

- ASTM C920 (Class 25)
- Low VOC (SCAQMD Rule 1168)
- BS EN 1366-4:2021 (Fire Resistance Tests)
- AS 1530.4:2014 (Fire tests on building materials)

FEATURES:

- 4 hours fire rating
- ±25% movement capability
- Good UV resistance
- Low static charge – Less dirt streaking
- Paintable
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage
- Primerless bonding to most surfaces
- Not containing any halogenated materials

COLOURS: (Special colour available upon request)

White and Grey

Bahan pengedap satu komponen berasaskan teknologi MS Polymer canggih yang mengeras dengan kelembapan. Ia menghasilkan sambungan dengan keupayaan pergerakan sehingga 4 jam. Ia digunakan untuk mengedap sambungan dalam konkrit prefabrik dan in-situ, sambungan pengembangan, pembinaan condong, kerja bata, dan terowong bawah tanah.

Disyorkan untuk mengedap sambungan bangunan dan binaan dalaman dan luaran, menyediakan perlindungan kebakaran untuk jurang dan sambungan pergerakan sehingga 4 jam. Ia digunakan untuk mengedap sambungan dalam konkrit prefabrik dan in-situ, sambungan pengembangan, pembinaan condong, kerja bata, dan terowong bawah tanah.

CONTENT	CARTON
290 ml Cartridge	20 / Carton
600 ml Sausage	20 / Carton

SILICONE SEALANT



VT-210 / VT-210S High Performance Sealant 100% Neutral Silicone Sealant

A one-component, high performance, 100% neutral cure silicone sealant formulated to give excellent adhesion and durability. It has excellent resistance against weathering, vibration, temperature extremes, etc.

Sealing metal lap joints in roofing, guttering, and cladding applications. Forms strong weatherproof seals on most common building materials (glass, aluminium, galvanized iron, concrete, painted surfaces, mirror bonding etc.). Not to be used for structural glazing applications.

APPLICABLE TESTS / STANDARDS:

- LEED v4.1 EQ Credit
- ASTM C920 (Class 50)
- ISO 11600 (F Class 25 LM)
- FDA 21 CFR Part 175.300
- Low VOC (SCAQMD Rule 1168)
- SIRIM Product Certification Licence Scheme
- AS/NZS 4020:2005 (Potable water test)
- Toluene: EU REACH Annex XVII Entry 48
- Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA.

FEATURES:

- Food contact safe
- ±50 % movement capability
- Excellent weathering resistance
- Permanently flexible
- Indoor and outdoor use

COLOURS: (Special colour available upon request)

Translucent, White, Grey and Black

MATERIAL WARRANTY:

10 Years

Pengedap silikon neutral 100% berprestasi tinggi yang dirumus untuk memberi daya pelekatan yang kuat dan tahan lama. Ia mempunyai ketahanan yang tinggi terhadap luhawa, getaran, suhu lampau, dsb.

Mengedap sambungan logam bertindih pada atap dan talang bumbung. Ia boleh melekat pada kebanyakan bahan pembinaan (aluminium, keluli bergalvani, kaca, konkrit, permukaan yang dicat, dsb.). Tidak boleh digunakan untuk pemasangan kaca struktur.

CONTENT	CARTON
300 ml Cartridge	24 / Carton
600 g Sausage	20 / Carton
20 kg Pail	-



VT-211 / VT-211S Weatherproofing Sealant 100% Neutral Silicone Sealant

A one-component, high performance, 100% neutral cure silicone sealant. It has excellent resistance to outdoor weathering, vibration, temperature extremes, etc.

Widely used to seal external aluminium composite panels. Forms strong weatherproof seals on most common building materials (glass, aluminium, galvanized and zinc-coated steel, painted surfaces, brick and concrete etc.). Not to be used for structural glazing applications.

APPLICABLE TESTS / STANDARDS:

- LEED v4.1 EQ Credit
- ASTM C920 (Class 50)
- Low VOC (SCAQMD Rule 1168)
- SIRIM Product Certification Licence Scheme

FEATURES:

- Weatherproof seal
- ±50 % movement capability
- Permanently flexible
- Indoor and outdoor use
- Matte finish

COLOURS: (Special colour available upon request)

VT-211 - Matte Black, Matte Grey and Matte White
VT-211T - Translucent

MATERIAL WARRANTY:

10 Years

Pengedap silikon neutral 100% berprestasi tinggi dengan ketahanan yang tinggi terhadap luhawa, getaran, suhu lampau, dsb.

Digunakan untuk mengedap panel komposit aluminium. Pengedap kalis cuaca yang melekat pada kebanyakan bahan pembinaan (aluminium, keluli bergalvani, permukaan yang dicat, kaca, bata, konkrit, dsb.). Tidak boleh digunakan untuk pemasangan kaca struktur.

CONTENT	CARTON
300 ml Cartridge	24 / Carton
800 g Sausage	20 / Carton
600 g Sausage	20 / Carton
25 kg Pail	-



VT-212 Sanitary Sealant Neutral Silicone Sealant

A one-component, neutral cure silicone sealant formulated for excellent mildew resistance. It will form a durable and waterproof seal on most common wet area building materials.

Suitable for warm areas with high humidity (bathrooms, toilets, kitchen, etc.). It will bond on most building materials (ceramics, glass, aluminium, plastics, etc.).

APPLICABLE TESTS / STANDARDS:

- ASTM G21 (Antifungal)
- ASTM C920 (Class 25)
- FDA 21 CFR Part 175.300
- Low VOC (SCAQMD Rule 1168)
- SIRIM Product Certification Licence Scheme
- Toluene: EU REACH Annex XVII Entry 48
- Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- Antifungal
- ±25 % movement capability
- Food contact safe
- Permanently flexible
- Indoor and outdoor use

COLOURS: (Special colour available upon request)

Translucent and White

Pengedap silikon neutral yang dirumus untuk memberi ketahanan yang baik terhadap kulat. Ia akan membentuk pengedap kalis air yang tahan lama pada kebanyakan bahan pembinaan yang digunakan di kawasan yang basah.

Sesuai untuk kawasan yang panas dengan kelembapan yang tinggi (bilik mandi, tandas, dapur, dsb.). Ia boleh melekat pada kebanyakan bahan pembinaan (seramik, kaca, aluminium, plastik, dsb.).

CONTENT	CARTON
300 ml Cartridge	24 / Carton



VT-219 / VT-219S Fire Rated Silicone Sealant 100% Neutral Silicone Sealant

A single-component, gun-grade, ready-to-use neutral silicone sealant formulated to form an elastomeric fire retardant seal in construction applications. It helps control the spread of fire, smoke, and toxic fumes within a given area surrounded by firewalls for a period of up to four hours, depending on joint configuration.

Recommended for firestop sealing of interior and exterior building and construction movement joints or openings, where a fire rating of up to 4 hours is required. In addition, it can be used to seal fire retardant metal facade cladding, and mechanical, electrical, and plumbing applications like sealing openings or service penetrations through fire-rated ceiling, floor, or wall.

APPLICABLE TESTS / STANDARDS:

- BS EN 1366-4:2006 (Fire Resistance Test)
- ASTM C920 (Class 50)
- ASTM 1530.4:2014 (Fire Tests on Building)
- Low VOC (SCAQMD Rule 1168)
- SIRIM Product Certification Licence Scheme

FEATURES:

- Fire rating up to 4 hours
- ±50% movement capability
- Malaysian Fire & Rescue Department (Jabatan Bomba dan Penyelamat) certified
- Excellent weather and UV resistance
- Excellent adhesion to most substrates
- Does not contain halogenated material
- Matte finish

COLOURS: (Special colour available upon request)

Matte Black and Matte Grey

MATERIAL WARRANTY:

10 Years

Pengedap silikon neutral satu komponen yang dirumus untuk membentuk kedapan elastomerik yang tahan api dalam kegunaan pembinaan. Ia membantu mengawal api, asap dan wasap beracun dalam kawasan yang dikelilingi dinding api selama 4 jam, bergantung kepada rekaan sambungan.

Disyorkan untuk pengedapan tahan api pada sambungan atau bukaan dalam atau luar bangunan, di mana ketahanan api sehingga 4 jam diperlukan. Ia juga digunakan untuk pengedapan fasad logam, bukaan mekanikal, elektrik, dan pempalipan melalui siling, lantai, atau dinding.

CONTENT	CARTON
300 ml Cartridge	24 / Carton
600 ml Sausage	20 / Carton



VT-291 / VT-291S Non-Staining Stone Sealant 100% Neutral Silicone Sealant

A one-component, neutral-cure, high-performance, non-staining silicone sealant specially formulated to prevent staining on porous substrates where aesthetic considerations are important. It offers ±25% movement capability and excellent adhesion to a wide variety of building materials.

Designed for weatherproofing sensitive natural stone. Also suited for weatherproof seal on most common building materials such as aluminium, galvanized and zinc-coated steel, painted surfaces, glass, brick, and concrete.

APPLICABLE TESTS / STANDARDS:

- ASTM C920 (Class 25)
- ASTM C1248 (Non-staining)
- Low VOC (SCAQMD Rule 1168)
- SIRIM Product Certification Licence Scheme

FEATURES:

- Non-staining on natural stone
- ±25% movement capability
- Excellent UV and weathering resistance

COLOURS: (Special colour available upon request)

White, Black and Grey

MATERIAL WARRANTY:

10 Years

Satu komposisi, mengeras secara neutral, berprestasi tinggi, pengedap silikon anti-stain diformulasikan khas untuk mengelakkan berlakunya stain pada substrat berliang dimana estetik bangunan dipertingkatkan. Ia juga mempunyai kebolehergerakan sebanyak ±25% dan lekatan yang sangat baik pada pelbagai jenis bahan binaan.

Direka untuk batu asli yang sensitif apabila terdedah pada cuaca. Ia juga sesuai digunakan pada bahan bangunan sepunya seperti aluminium, besi tergalvani dan besi bersalut zink, permukaan bercat, kaca, batu bata dan konkrit.

CONTENT	CARTON
300 ml Cartridge	24 / Carton
600 ml Sausage	20 / Carton



VT-299 / VT-299S Structural Glazing Sealant 100% Neutral Silicone Sealant

A one-component, neutral-cure, high-performance, structural glazing sealant specially formulated for structural and non-structural glazing applications. It offers superior adhesion to a wide variety of building materials. With a properly designed structural glazed joint, the sealant can support glass and other panel materials under high wind load.

Designed for curtain wall structural glazing applications. Also suitable for creating weatherproof seals on most common building materials such as aluminium, galvanized and zinc-coated steel, painted surfaces, glass, brick, and concrete.

APPLICABLE TESTS / STANDARDS:

- ASTM C920 (Class 50)
- ASTM C1184 (Structural silicone sealant)
- Low VOC (SCAQMD Rule 1168)

FEATURES:

- Structural and non-structural glazing
- Excellent adhesion to most building substrates
- ±50% movement capability
- Excellent UV and weathering resistance

COLOURS: (Special colour available upon request)

Black and Grey

MATERIAL WARRANTY:

10 Years

Pengedap silikon neutral berprestasi tinggi yang dirumus khas untuk kaca dinding tirai tanpa bingkai. Ia menawarkan daya lekatan yang kuat pada pelbagai bahan binaan. Dengan rekaan sambungan kaca dinding tirai yang baik, pengedap ini cukup kuat untuk menyokong kaca dan bahan panel lain pada beban angin yang tinggi.

Direka untuk kegunaan kaca dinding tirai. Sesuai untuk menghasilkan kedapan tahan cuaca pada kebanyakan bahan binaan yang umum seperti aluminium, keluli bergalvani dan bersalut zink, permukaan bercat, kaca, bata, dan konkrit.

CONTENT	CARTON
300 ml Cartridge	24 / Carton
600 ml Sausage	20 / Carton

ACRYLIC GAP SEALANT



VT-220 / VT-220S Seal-All-Gaps

General Purpose Water-based Acrylic Sealant

An environmentally friendly acrylic sealant for general purpose sealing applications. It is paintable and formulated for sealing gaps and joints where slight movements or vibrations are expected.

General sealing applications (door and window joints, cabinet and wardrobe installation, skirting of wood flooring, etc.). Suitable for various substrates (metal, PVC, wood, concrete, gypsum boards, reinforced cement boards, marble, etc.).

APPLICABLE TESTS / STANDARDS:

- LEED v4.1 EQ Credit
- ASTM C920 (Class 25)
- Low VOC (SCAQMD Rule 1168)
- RoHS I & II and SVHC
- SIRIM Product Certification Licence Scheme
- Toluene: EU REACH Annex XVII Entry 48
Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- ±25% Movement capability
- APEO-, Formaldehyde- and Phthalate- free
- Paintable
- Permanently flexible
- Easy clean up

COLOURS: (Special colour available upon request)

White

Pengedap akrilik yang mesra alam untuk pelbagai aplikasi pengedapan. Pengedap ini boleh dicat dan dirumus untuk mengedap penyambungan di mana terdapat sedikit pergerakan atau gegaran.

Kegunaan pengedapan am (penyambungan tingkap dan pintu, pemasangan kabinet dan almari, papan kambi untuk lantai kayu, dsb.). Sesuai untuk pelbagai jenis bahan (logam, PVC, kayu, konkrit, papan gipsum, kepingan simen bergentian, marmar, dsb.).

CONTENT	CARTON
450 g Cartridge	24 / Carton
900 g Sausage	20 / Carton



VT-223 Ultra Flex Gap Sealant

High Elastic Acrylic Sealant

A premium grade highly elastic acrylic sealant for both external and internal sealing applications. It is formulated with enhanced UV resistant property and can withstand up to ±25% movement. It is paintable and formulated for sealing gaps and joints where high movements or vibrations are expected.

It is ideal for external and internal sealing applications. It is good for sealing of building joints that are subject to movement (door and window joints, cabinet and wardrobe installation, skirting of wood flooring, etc.). Suitable for various substrates (metal, PVC, wood, concrete, gypsum boards, reinforced cement boards, marble, etc.).

APPLICABLE TESTS / STANDARDS:

- LEED v4.1 EQ Credit
- ASTM C920 (Class 25)
- Low VOC (SCAQMD Rule 1168)
- SIRIM Product Certification Licence Scheme

FEATURES:

- ±25 % movement capability
- Exterior and interior sealant applications
- Paintable
- Easy clean up
- Permanently flexible

COLOURS: (Special colour available upon request)

White

Pengedap akrilik premium berkualiti tinggi yang digunakan untuk kedua-dua aplikasi luaran dan dalaman. Ia juga baik untuk aplikasi mengedap penyambungan di mana terdapat sedikit pergerakan atau gegaran.

Ia sesuai untuk aplikasi pengedap luaran dan dalaman. Ia juga baik untuk aplikasi mengedap sambungan bangunan yang tertakluk kepada pergerakan (penyambungan tingkap dan pintu, pemasangan kabinet dan almari, papan kambi untuk lantai kayu, dsb.). Sesuai untuk pelbagai jenis bahan (logam, PVC, kayu, konkrit, papan gipsum, kepingan simen bergentian, marmar, dsb.).

CONTENT	CARTON
450 g Cartridge	24 / Carton



VT-228 Fire Retardant Sealant

Fire Rated Water-based Acrylic Sealant

A water-based acrylic firestop sealant for fire-rated joint applications. It is rated up to 4 hours with BS EN 1366-4: 2006 specification. It is suitable to seal gaps where slight movements are expected.

Indoor joints with fire retardant requirements (wall and ceiling joints, perimeter sealing of fire rated doors and windows). It has good adhesion on most construction materials (concrete, bricks, painted wood, aluminium, etc.).

APPLICABLE TESTS / STANDARDS:

- BS EN 1366-4:2006 Fire Resistance Tests
- ASTM C920 (Class 20)
- Low VOC (SCAQMD Rule 1168)
- AS 1530.4:2014 (Methods for Fire Tests on Building Materials)
- Toluene: EU REACH Annex XVII Entry 48
Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- 4-hour fire rating
- ±25% Movement capability
- Malaysian Fire & Rescue Department (Jabatan Bomba dan Penyelamat) certified
- Smoke, fume, and water resistant
- Easy clean up
- Not containing any halogenated material

COLOURS: (Special colour available upon request)

White, Grey and Red

Pengedap akrilik untuk aplikasi penyambungan tahan api. Ia dapat tahan sehingga 4 jam dengan spesifikasi BS EN 1366-4: 2006. Sesuai untuk mengedap penyambungan di mana terdapat sedikit pergerakan.

Penyambungan dalaman yang memerlukan ketahanan api (penyambungan di antara dinding dan siling, ruang sekeliling paip dan kabel, pemasangan pintu dan tingkap tahan api). Ia dapat melekat pada kebanyakan bahan pembinaan (konkrit, bata, kayu yang dicat, aluminium, dsb.).

CONTENT	CARTON
450 g Cartridge	24 / Carton
900 g Sausage	20 / Carton
15.0 kg Pail	

CONSTRUCTION ADHESIVE SEALANT



VT-230 Vital Nails

Construction Adhesive Sealant

A high-performance, paste-like construction adhesive sealant specially formulated to bond a variety of construction materials. It will not slump on vertical surfaces.

Ideal for bonding most construction materials: wood, particle board, metal, concrete, fibre-reinforced cement board, ceramics, bricks, flooring panels. Can be used on mirror and polystyrene.

APPLICABLE TESTS / STANDARDS:

- SVHC compliant
- Toluene: EU REACH Annex XVII Entry 48
Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- Mirror and polystyrene safe
- Strong initial grab
- Non-drip paste
- Excellent adhesion on most substrates
- Can be extruded even at low temperatures
- Toluene & Formaldehyde Free

COLOURS: (Special colour available upon request)

Brown

Pelekat yang berprestasi tinggi, dirumus untuk melekat pada pelbagai jenis bahan pembinaan. Ia tidak akan menitis jika digunakan pada permukaan yang menegak.

Sesuai untuk melekatkan kebanyakan bahan pembinaan: kayu, papan serbuk kayu, logam, konkrit, kepingan simen bergentian, seramik, bata, panel lantai. Boleh digunakan pada polistirena dan cermin.

CONTENT	CARTON
350 g Cartridge	24 / Carton



VT-232 Eco Nails

Construction Adhesive Sealant

A one component, low-VOC (comply with SCAQMD rule #1168), paste-like construction adhesive formulated to bond a variety of common construction materials. It has strong initial grab, superior adhesion and will not slump on vertical surfaces. It is suitable for heavy duty general construction, remodeling, maintenance and repair projects.

Ideal for bonding most construction material: wood, particle board, masonry, aluminium, concrete, fibre-reinforced cement board, bricks, flooring panels. Shows excellent adhesion for bonding raised access floor pedestals to cement floor screed. Not suitable for polystyrene.

APPLICABLE TESTS / STANDARDS:

- LEED v4.1 EQ Credit
- Singapore Green Building Product Labelling Scheme (SGBPLS)
- CISCA 2007- Section 6: Pedestal Overturning Moment Test
- Low VOC (SCAQMD Rule 1168)
- Toluene: EU REACH Annex XVII Entry 48
Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- Strong initial grab
- Non-drip paste
- Bonds most materials
- Toluene & Formaldehyde Free

COLOURS: (Special colour available upon request)

Light Brown

Pelekat rendah VOC (mematuhi peraturan SCAQMD #1168) berbentuk pes yang dirumus untuk melekatkan pelbagai bahan binaan. Ia mempunyai daya lekatan yang kuat dan tidak menitis jika digunakan pada permukaan menegak.

Sesuai untuk melekatkan kebanyakan bahan pembinaan: kayu, papan serbuk kayu, batu, logam, konkrit, kepingan simen bergentian, bata, panel lantai. Melekatkan kekaki untuk sistem lantai tinggi pada lantai simen (diuji dengan CISCA 2007-Section 6: Pedestal Overturning Moment Test). Tidak sesuai untuk polistirena.

CONTENT	CARTON
350 g Cartridge	24 / Carton
5.0 kg Pail	4 / Carton



VT-239 Clear Nails

Construction Adhesive Sealant

Clear Nails is a clear one-component construction adhesive sealant. Formulated for bonding a diverse range of common construction materials, especially when aesthetic is paramount. It has a strong initial grab, superior adhesion, and does not slump on vertical surfaces.

Bonding most construction materials: wood, particle board, metal, concrete, fibre-reinforced cement board, ceramics, bricks, and flooring panels. Ideal for colour-coated glass, stained glass, decorative glass and shower screen application.

APPLICABLE TESTS / STANDARDS:

- Toluene: EU REACH Annex XVII Entry 48
Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- Clear paste
- Strong initial grab
- Non-drip paste
- Excellent adhesion on most substrates
- Can be extruded even at low temperatures

COLOURS: (Special colour available upon request)

Clear

Clear Nails ialah sealant pelekat konstruksi satu komponen yang jernih sepenuhnya. Diformulasikan khas untuk melekatkan pelbagai jenis bahan binaan umum, terutamanya apabila aspek estetik menjadi keutamaan. Produk ini mempunyai daya lekatan awal yang tinggi, adhesi yang sangat baik, dan tidak mudah mengalir pada permukaan menegak.

Ia sesuai untuk melekatkan kebanyakan bahan binaan seperti kayu, papan partikel, logam, konkrit, papan simen berserabut, seramik, batu bata, dan panel lantai. Ideal digunakan pada kaca berwarna, kaca patri, kaca hiasan, serta sekatan bilik mandi.

CONTENT	CARTON
300 ml Cartridge	24 / Carton



VT-262
Instant Nails
High Tack Construction Adhesive Sealant

A high-tack construction adhesive sealant designed to provide instant hold that reduces the need for bracing. It is ideal for vertical wall board installation, remodeling, maintenance, and repair projects. It bonds most construction materials and will not slump on vertical surfaces.

Ideal for PVC wall board, wood (wet, treated, etc.), plywood, particleboard, hardboard, metal, concrete, polyurethane foam, stone, ceramic, and most large panel substrates. Not suitable for mirror and polystyrene.

APPLICABLE TESTS / STANDARDS:

- Toluene: EU REACH Annex XVII Entry 48
- Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- Professional choice
- Instant grab
- Non-drip paste
- Bonds most materials
- Formulated for vertical bonding applications
- Toluene & Formaldehyde Free

COLOURS: (Special colour available upon request)

Beige

Pelekat pembinaan satu komponen berkuasa tinggi yang direka untuk memberikan lekatan segera tanpa memerlukan penyokong sementara. Sangat sesuai untuk pemasangan papan deko dinding, kerja pengubahsuaian, penyelenggaraan, dan projek pembaikan.

Ia boleh melekat pada pelbagai bahan binaan dan tidak meleleh pada permukaan menegak.

Sesuai untuk papan deko PVC, kayu, papan lapis, papan partikel, papan gentian kaca, logam, konkrit, PU Foam, batu, seramik, dan kebanyakan panel bersaiz besar. Tidak digalakkan untuk cermin atau polistirena.

CONTENT	CARTON
390 g Cartridge	24 / Carton



VT-627
Self-Levelling MS Sealant
High Modulus One-Component MS Sealant

A one-component, high-modulus MS polymer-based sealant designed for superior self-levelling performance. Specially formulated for horizontal applications, it flows smoothly to fill floor cracks, traffic joints, and other horizontal void surfaces - ensuring a durable, watertight seal with minimal effort. With the good UV performance and elastomeric features MS Polymer provide, it made a better choice for horizontal outdoor application, i.e. concrete, stone, masonry, asphalt and more.

Recommended for sealing horizontal crack and traffic joint on concrete, asphalt, stone, masonry and more.

APPLICABLE TESTS / STANDARDS:

- ASTM C920 (Class 25)
- Low VOC (SCAQMD Rule 1168)

FEATURES:

- Self-levelling
- ±25 % movement capability
- Easy to apply
- Indoor & outdoor application
- High modulus strength
- Good weathering resistance
- Paintable

COLOURS: (Special colour available upon request)

White, Black and Grey

Sealant satu komponen berasaskan Polimer MS, direka dengan modulus tinggi untuk prestasi self-levelling yang unggul.

Diformulasikan khas untuk aplikasi mendatar bagi mengisi rekahan dan sambungan trafik pada lantai konkrit, batu, atau asfalt — memastikan kedapan air yang tahan lama dengan usaha minimum.

Dengan ketahanan UV yang baik dan sifat elastomerik tinggi, Polimer MS menjadi pilihan terbaik untuk aplikasi mendatar luar bangunan. Sesuai untuk menutup rekahan dan sambungan trafik pada konkrit, asfalt, batu, atau batu-bata.

CONTENT	CARTON
16 kg Pail (2 x 8 kg Pack)	-
24 kg Pail (3 x 8 kg Pack)	-
600 ml Sausage	20 / Carton



VT-630
MS Flooring Adhesive
One-component Elastic Adhesive

An eco-friendly wood flooring adhesive formulated with advanced MS Polymer technology, eliminating common problems associated with traditional polyurethane adhesives. Its non-slump formula enables notched trowel ridges hold firm, bridging gaps between wood flooring and sub floor and reducing floor hollowess problem. Ideal for bonding wood floors or other materials - including artificial grass and rubber sheet to concrete, concrete screeds, cement, plywood, cured leveling compounds, epoxy membrane, OSB (underlayment grade), particle board, gypsum board, ceramic tiles, stone, terrazzo, radiant heated subfloors, metal decking, steel, aluminum, etc.

APPLICABLE TESTS / STANDARDS:

- LEED v4.1 EQ Credit
- Low VOC (SCAQMD Rule 1168)
- Toluene: EU REACH Annex XVII Entry 48
- Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- Single-component
- Resistant to aging
- Workability
- Indoor and outdoor application
- Paintable
- Excellent adhesion on most substrates
- Notched trowel ridges hold firm
- Free of water, 100% solid content
- Free of isocyanate and formaldehyde
- Easy surface clean up
- Non-flammable, non-hazardous, stable shelf life
- Toluene & Formaldehyde Free

COLOURS: (Special colour available upon request)

Light brown

Diformulasikan dengan teknologi Polimer MS terkini bagi menggantikan pelekat PU konvensional.

Formulanya tidak mudah meleleh, membolehkan ratangan pelekat kekal kukuh, merapatkan jurang antara lantai kayu serta mengurangkan masalah lantai berongga.

Sesuai untuk melekatkan lantai kayu atau bahan lain seperti rumput tiruan, getah, konkrit, simen, screed anhidrit, papan lapis, OSB, membran epoksi, jubin seramik, batu, terrazzo, dan bahan berasaskan logam seperti keluli serta aluminium.

CONTENT	CARTON
16 kg Pail (2 x 8 kg Pack)	-
24 kg Pail (3 x 8 kg Pack)	-
600 ml Sausage	20 / Carton



VT-632
Artificial Grass Adhesive
Advanced MS Polymer

A one-component MS Polymer adhesive formulated for bonding artificial grass floor coverings in athletic and landscape applications. It is a green product, meeting SCAQMD VOC limit and is recommended for green buildings. It does not contain any solvents (will not damage bonded substrates), water (no glue line shrinkage), or isocyanates (non-hazardous). It is specially designed to have weather-resistant bonding for both indoor and outdoor applications.

Various types of artificial grass, synthetic turf, or carpet (polypropylene, rubber, polyurethane; tufted or woven), floor coverings and golf driving range.

APPLICABLE TESTS / STANDARDS:

- Low VOC (SCAQMD Rule 1168)

FEATURES:

- Single-component
- Permanently elastic
- Weatherproof
- Green in color
- No solvent
- No isocyanate
- Notched trowel ridges hold firm
- Good workability
- Fast initial grab and curing time
- Non-flammable, non-hazardous
- Pail - 3 Packs Per Pail

COLOURS: (Special colour available upon request)

Green

Pelekat berasaskan Polimer MS satu komponen yang diformulasikan khas untuk pemasangan rumput tiruan dalam aplikasi sukan dan landskap. Produk ini mesra alam serta mematuhi piawaian rendah VOC (SCAQMD), sesuai digunakan untuk bangunan hijau.

Tidak mengandungi pelarut, air, atau isosianat — menjadikannya selamat untuk pelbagai permukaan dan tidak merosakkan bahan yang dilekatkan. Diformulasikan untuk memberikan lekatan kuat dan tahan cuaca bagi aplikasi dalaman dan luaran. Sesuai untuk pelbagai jenis rumput tiruan, turf sintetik, atau permaidani (polipropilena, getah, poliuretana; bertuft atau tenunan), serta penutupan lantai dan padang latihan golf.

CONTENT	CARTON
24 kg Pail (3 x 8 kg packs)	-
600 ml Sausage	20 / Carton



VT-636
MS Floor and Wall Bonds
One-component Elastic Adhesive

VT-636 MS Floor and Wall Bonds is a universal construction adhesive based on advanced MS Polymer technology. The adhesive can be troweled easily. It has good weathering and UV resistance properties. Ideal for bonding all types of building materials - including porous and non-porous substrates on horizontal and vertical surfaces: concrete, anhydrite screeds, wood, artificial grass, cured leveling compounds, epoxy membrane, OSB (underlayment grade), particle board, gypsum board, ceramic tiles, stone, metal decking, steel, aluminum, etc.

APPLICABLE TESTS / STANDARDS:

- Low VOC (SCAQMD Rule 1168)
- Toluene: EU REACH Annex XVII Entry 48
- Formaldehyde: Singapore NEA control of formaldehyde in paints under EPMA

FEATURES:

- Single-component
- Resistant to aging
- Workability
- Indoor and outdoor application
- Paintable
- Excellent adhesion on most substrates
- Notched trowel ridges hold firm
- Free of water, 100% solid content
- Free of isocyanate and formaldehyde
- Easy surface clean up
- Non-flammable, non-hazardous, stable shelf life

COLOURS: (Special colour available upon request)

White

VT-636 ialah pelekat pembinaan sejagat berasaskan teknologi Polimer MS terkini.

Pelekat ini mudah disapu tanpa mengalir, serta mempunyai ketahanan cuaca dan rintangan UV yang sangat baik.

Sesuai untuk melekatkan pelbagai jenis bahan binaan — termasuk substrat berongga dan tidak berongga — pada permukaan mendatar atau menegak. Antara bahan yang sesuai termasuk konkrit, screed anhidrit, kayu, rumput tiruan, sebatian perata yang telah mengeras, membran epoksi, OSB (gred alas), papan partikel, papan gips, jubin seramik, batu, keluli, aluminium, dan bahan binaan lain.

CONTENT	CARTON
16 kg Pail (2 x 8 kg Pack)	-
24 kg Pail (3 x 8 kg Pack)	-
600 ml Sausage	20 / Carton



VT-627
Self-Levelling MS Sealant



VT-828 Roadseal

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VT-241
Vital Coolroom Mastic



VT-266 / VT-268
PU Foam



VT-241
Vital Coolroom Mastic
Polybutene Based Mastic Sealant

A non-drying, butyl rubber-based mastic that does not harden but rather remains paste-like, permanently soft. It has low water vapour transmission and remains functional at sub-zero service temperatures.

Well-suited for sealing cold room and other pre-fabricated construction applications. Ideal for sealing most plastics, metals, glass, masonry, and wood.

APPLICABLE TESTS / STANDARDS:

- Low VOC (SCAQMD Rule 1168)

FEATURES:

- Moisture resistant
- Non-skinning
- Excellent adhesion

COLOURS: (Special colour available upon request)

White

Mastic berasaskan getah butil yang tidak mengeras, tetapi kekal dalam bentuk pes dan sentiasa lembut. Ia mempunyai kadar penyerapan wap air yang rendah serta berfungsi dengan baik pada suhu sub-sifar.

Sangat sesuai untuk penebat ruang sejuk (cold room) dan aplikasi binaan pra-fabrikasi. Ideal untuk menutup sambungan pada kebanyakan bahan seperti plastik, logam, kaca, batu-bata, dan kayu.

CONTENT	CARTON
300 ml Cartridge	24 / Carton



VT-266 / VT-268
PU Foam
Polyurethane Foam

A one-component, rigid polyurethane foam for general purpose applications in filling, sealing, insulating, and soundproofing gaps of various construction materials.

Ideal for filling irregular holes or gaps, heat insulation of central heating systems, and insulating wall panels. Suitable for use on various construction materials (concrete, brick, most plastics, metal, glass, woods, etc.).

FEATURES:

- Ozone-friendly propellant (CFC-free)
- Good expansion yield
- Non-sagging
- Good thermal and acoustic insulation
- Mildew, water, and aging resistant

COLOURS: (Special colour available upon request)

Light yellow

PU Foam untuk penggunaan am seperti untuk menebat, mengalis bunyi, mengedap, dan mengisi celah atau ruang kebanyakan bahan pembinaan.

Sesuai untuk menebat sistem pemanas berpusat dan ruang di antara panel dinding, dan mengedap celah yang sukar diisi dengan pengedap biasa. Boleh digunakan pada kebanyakan bahan pembinaan (konkrit, bata, kebanyakan plastik, logam, kaca, kayu, dll.).

CONTENT	CARTON
500 ml Can	12 / Carton
750 ml Can	12 / Carton



609
High Performance Primer
High-Performance Sealant Tie Coat

609 High Performance Primer is a specialized pre-painting two-part epoxy primer designed to provide excellent alkaline and efflorescence resistance on various surfaces, including concrete, masonry, aluminium, galvanized and glazed tiles, clay tiles, and glazed brickwork. It creates a robust cross-link barrier, preventing moisture penetration and plasticizer migration from sealant to paint, eliminating paint staining issues.

Beyond its role as a tie coat, 609 High Performance Primer excels as a joint primer between concrete and sealant.

FEATURES:

- Prevent fluid (e.g. plasticizer) migration from sealant to paint.
- Excellent alkaline and efflorescence resistance on masonry surface.
- Excellent adhesion on galvanizing, aluminium and steel surface.
- Excellent alkaline and adhesion resistance on concrete floor.

COLOURS: (Special colour available upon request)

White

609 High Performance Primer ialah primer epoksi dua komponen sebelum pengecatan, direka untuk memberikan rintangan tinggi terhadap alkali dan keputihan garam (efflorescence) pada permukaan seperti konkrit, batu-bata, aluminium, jubin tergalvani, dan jubin berkilat.

Ia membentuk lapisan penghalang kukuh yang mencegah penyerapan lembapan dan migrasi plastisizer daripada sealant ke cat, sekali gus mengelakkan kesan noda.

Juga berfungsi sebagai primer sambungan antara konkrit dan sealant.

CONTENT	CARTON
2.0 L Tin Set (1.0 L Resin + 1.0 L Hardener)	2 / Carton



602
Concrete Primer

602 is a solvent-based primer designed for enhancing MS Polymer sealant adhesion on porous substrates, particularly concrete. It is easy to apply, has good wetting properties, and is suitable for use on damp surfaces. Compatible with various substrates, including concrete, aluminium, wood, glass, and certain plastics.

The primer effectively seals porous surfaces, enhancing the adhesion of the sealant, while simultaneously preventing any undesirable plasticizer migration. This dual-action feature ensures a robust and durable bond between the sealant and the substrate.

FEATURES:

- Improves adhesion of silicone and MS Polymer sealants
- Quick dry
- Easy application

COLOURS: (Special colour available upon request)

Transparent

602 ialah primer berasaskan pelarut yang direka untuk meningkatkan lekatan sealant Polimer MS pada substrat berliang, terutamanya konkrit. Ia mudah digunakan, mempunyai sifat pembasahan yang baik, dan sesuai untuk permukaan lembap.

Serasi dengan pelbagai jenis bahan seperti konkrit, aluminium, kayu, kaca, dan sesetengah jenis plastik.

Primer ini berfungsi dengan berkesan menutup liang permukaan sambil meningkatkan lekatan sealant serta menghalang migrasi plastisizer yang tidak diingini.

Ciri tindakan dua hala ini memastikan ikatan yang kuat dan tahan lama antara sealant dan substrat.

CONTENT	CARTON
1.0 L / bottle	12 / Carton



606
Activator Cleaner

606 Activator Cleaner is a specialized construction solution designed to clean and activate bonding surfaces. It enhances the adhesion performance of primers and sealants across various substrates, making it especially effective for resealing applications where traces of old sealant remain and cannot be completely removed.

FEATURES:

- One-component, easy to be applied
- Transparent, odourless, no pollution to substrates, no harmful volatile contents
- Long active time, excellent activation to substrates, good effect on adhesion improving.

COLOURS: (Special colour available upon request)

Transparent

606 Activator Cleaner ialah bahan pembersih dan pengaktif khas untuk kegunaan pembinaan, ia diformulasi bagi memastikan permukaan lekatan berada dalam keadaan bersih dan aktif, sekaligus meningkatkan lekatan antara primer dan sealant pada pelbagai jenis substrat.

Sesuai digunakan untuk kerja resealing apabila terdapat sisa sealant lama yang sukar ditanggalkan sepenuhnya.

CONTENT	CARTON
100 ml / bottle	12 / Carton

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Product Range

Silicone Sealant	MS Polymer Sealant	Acrylic Sealant	Construction Adhesive Sealant	Butyl Tape
Caulking Materials	Duct Sealant	Solvent Cement	Contact Adhesive	RTV Gasket Maker
Automotive Adhesive & Sealant	Epoxy Adhesive & Putty	Household Adhesive & Sealant	Flooring Adhesive	Waterproofing Materials



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