Sealants Catalogue

V-tech®

Formulated For The Professionals

Adhesives & Sealants

A member of NIPPON PAINT

LOW VOC CONTENT

LEED COMPLIANT PRODUCT

LISTED PRODUCT SIRIM

Not classified as CMR

SINGAPORE GREEN BUILDING PRODUCT SGBC

FORMULATED WITHOUT TOLUENE & FORMALDEHYDE

HEALTH GUARD

Closing The Gap Between Functionality, Green, and Healthier Solution

For over 23 years, V-tech has built its expertise around functional performance and green formulation helping projects meet the demands of quality, durability and sustainability. Today, the conversation has evolved. Beyond how materials perform, people are paying closer attention to how indoor spaces affect comfort, wellbeing and indoor air quality. That is why V-tech introduces Health Guard, a health-driven formulation direction **created to support safer indoor environments while maintaining reliable product performance.**

V-tech's Formulation Evolution

1 FUNCTIONAL PERFORMANCE

- **Product performance**
- **Building longevity** (weathering, air-tightness)
- **Design flexibility** (seamless finishes, no staining & streaking issues)

ASTM C920 — Product Standard Specification

SIRIM — Product Certification Licence Scheme

BS EN 1366-4:2006 — Fire Resistance Tests

ISO 11600 — Product Standard Specification

Cleanroom Suitable Material (CSM) — ISO-ACCm Class-6.7/70 (VT-626 White)

2 GREEN COMPLIANCE

- **No ozone-depleting substances**
- **No halogenated substances**
- **No vPvB & PBT**
- **Lower carbon footprints**
- **Low VOC content**

2016 — GECA CERTIFIED

2021 — LEED COMPLIANT PRODUCT

2026 — HEALTH GUARD

2016 — SINGAPORE GREEN BUILDING PRODUCT SGBC

2011 — Green Label Singapore

2010 — Low VOC

3 HEALTH-DRIVEN STANDARDS

- **Toluene & Formaldehyde-Free**
- **LEED – VOC emission**
- **Solventless options**
- **No Heavy-metal**

2026 — HEALTH GUARD SAFER INDOOR AIR QUALITY

FDA 21 CFR Part 175.300 — Food contact safe

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

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

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

SILICONE SEALANT

- Excellent UV Resistance
- Not Paintable
- Oil Migration

Caulking Sealant

ACRYLIC GAP SEALANT

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

MS Polymer Sealants (Construction)

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VT-620 / VT-620S | LM MS Sealant

- LEED v4.1 EQ compliant • ASTM C920 (Class 50) compliant
- ISO 11600 (F Class 25 LM) compliant • Paintable
- Low static charge – Less dirt streaking
- Better weathering resistance than PU sealants
- Isocyanate-free – No air bubbling • Solvent-free – No shrinkage
- Damp Substance Bonding
- SIRIM Product Certification Licence Scheme

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

Applications: Sealing concrete joints (precast wall panels, expansion joints, control joints, FRC boards etc.). Other applications sealing of GRC panel systems, anodized aluminium, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, uPVC, polystyrene and stainless steel.

Available Colours: White, Grey, Black

Product Code	Content	Carton Quantity
VT-620	290 ml cartridge	20 / carton
VT-620S	600 ml sausage	20 / carton

VT-624 / VT-624S | MS Construction Sealant

- ASTM C920 (Class 25) compliant
- Good UV resistance • Paintable • Damp Substance Bonding
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage • Cost effective
- SIRIM Product Certification Licence Scheme

A standard 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.

Applications: Sealing fillet joints (wall & floor movement junctions), concrete joints (precast wall panels, expansion joints, control joints etc.), window frame perimeter etc.

Available Colours: White, Grey, Black

Product Code	Content	Carton Quantity
VT-624	290 ml cartridge	20 / carton
VT-624S	600 ml sausage	20 / carton

VT-625 / VT-625S | Ultimate Construction Sealant

- LEED v4.1 EQ compliant • Damp Substance Bonding
- Excellent UV resistance – 10-year warranty
- ASTM C920 (Class 50) compliant • Paintable
- Low static charge – Less dirt streaking
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage • Matte finish
- SIRIM Product Certification Licence Scheme

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.

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

Available Colours: Matte Black, Matte Grey, Matte White

Product Code	Content	Carton Quantity
VT-625	290 ml cartridge	20 / carton
VT-625S	600 ml sausage	20 / carton

VT-626 / VT-626S | Green Sealant

- Cleanroom Suitable Material (CSM) ISO-ACCm Class -6.7 / -7.0 (VT-626 White) • ASTM C920 (Class 25) compliant
- Good UV resistance • Paintable
- Low static charge – Less dirt streaking
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage

An environmentally friendly elastomeric sealant based on advanced MS Polymer. It is a low-modulus sealant with high movement capability.

Applications: Suitable for electronics cleanroom applications, sealing concrete joints (expansion joints, control joints, FRC boards etc.), window frame perimeter, etc. Other applications include sealing of anodized aluminum, masonry, porcelain, coated metal, finished wood, epoxy and polyester panels, UPVC, polystyrene, and stainless steel.

Available Colours: White, Grey, Black

Product Code	Content	Carton Quantity
VT-626	290 ml cartridge	20 / carton
VT-626S	600 ml sausage	20 / carton

VT-627 / VT-627S | Self-Levelling MS Sealant

- Self-levelling • ±25 % movement capability • Easy to apply
- Indoor and outdoor application • High modulus strength
- Good weathering resistance • Paintable • Damp Substance Bonding

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.

Applications: Recommended for sealing horizontal crack and traffic joint on concrete, asphalt, stone, masonry and more. ***Note:*** Not recommended for constant water immersion, outdoor glass sealing, sealing substrates such as PE, PP, Teflon, Neoprene, and bitumen. Not paintable with alkyd, chlorinated, or oil-based paint.

Available Colour: White

Product Code	Content	Carton Quantity
VT-62716K	16 kg / pail (8 kg x 2 packs)	1 / carton
VT-62724K	24 kg / pail (8 kg x 3 packs)	1 / carton
VT-627S	600 ml sausage	20 / carton

602 | Concrete Primer

- **Enhances adhesion of silicone sealants and MS Polymer sealants**
- **Quick dry • Easy application**

A solvent-based primer that enhances the adhesion of MS Polymer sealants onto porous substrates (especially concrete). It is easy to apply, with good wetting properties and can be used on damp surfaces. It will improves adhesion of the sealant on to substrate and prevents migration of plasticizers to the surface.

Colour: Clear

609 | HP Primer

- **Prevent fluid (e.g. plasticizer) migration from sealant to paint**

609 High Performance Primer is a two-pack amine-adduct cured epoxy primer specially developed to achieve long-term protection for many types of surfaces such as concrete masonry, aluminium, galvanizing and glazed tiles, clay tiles and glazed brickwork. The product forms a strong cross-link to act as a barrier against moisture from substrate, giving the excellent alkaline and efflorescence resistance performance. It helps to eliminate paint staining issues caused by sealant.

Colour: White

Product Code	Content	Carton Quantity
602	1.0 L bottle	12 / carton
609	2.0 L tin set (1.0 L Resin & 1.0 L Hardener)	6 Sets / carton

MS Polymer Sealants (Industrial)

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VT-621/ VT-621S | All Purpose MS Sealant

- ASTM C920 (Class 25) compliant • Good UV resistance
- High strength and elastic• Solvent-free – No shrinkage
- Paintable • Isocyanate-free – No air bubbling
- Primerless bonding to most substrates
- Damp Substance Bonding
- SIRIM Product Certification Licence Scheme

A medium modulus, elastomeric hybrid sealant based on advanced MS Polymer technology. It will form a high strength elastic seal upon curing.

Applications: Suitable for high strength sealing or bonding in construction, automotive, marine, and industrial applications. It works on various substrates like plastic, metal, rubber, natural materials (wood, polywood, leather, cloths, paperboard etc.) & inorganics (concrete, mortar, natural stone, tile, glass, porcelain etc.).

Available Colours:
White, Grey, Black

Product Code	Content	Carton Quantity
VT-621	290 ml cartridge	20 / carton
VT-621S	600 ml sausage	20 / carton

VT-622 | All-Stik MS Clear Sealant

- Crystal clear
- Bonds various materials
- Primerless bonding to most surfaces

A clear colour MS Polymer sealant formulated for all bonding and sealing applications where long term reliability is required. It will cure to form a durable, flexible, waterproof seal.

Applications: Bonding of plastics (nylon, PVC, ABS, etc.), metal (stainless steel, aluminium, copper, etc.), rubber (natural rubber, synthetic rubber, EPDM, etc.), natural materials (wood, leather, etc.), and inorganics (concrete, natural stone, tiles, glass, etc.).

Colour: Clear

Product Code	Content	Carton Quantity
VT-622	290 ml cartridge	20 / carton

VT-628 | Power Screw Instant Grab Adhesive Sealant

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

An instant-grab adhesive based on advanced MS Polymer technology. It holds the substrate instantly, reducing the need for bracing requirement.

Applications: Suitable for high strength bonding in various construction, household, industrial, marine, and automotive applications. It is also widely used in coach work and shipbuilding industry.

Colour: White

Product Code	Content	Carton Quantity
VT-628	290 ml cartridge	20 / carton

VT-638 / VT-638S | MS Seam Sealant

- High strength and elastic
- Fast drying
- Paintable
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage
- Primerless bonding to most substrates

A high-performance, elastomeric hybrid sealant based on advanced MS Polymer technology. It has fast-drying speed, good UV, weather and temperature resistance.

Applications: Ideal for making permanent elastic seals of high bonding strength, especially interior and exterior auto body seams and joints. It is also suitable for elastic bonding in marine, automotive and industrial applications.

Available Colours:
White, Beige

Product Code	Content	Carton Quantity
VT-638	290 ml cartridge	20 / carton
VT-638S	600 ml sausage	20 / carton

VT-652 / VT-652S | High Performance MS Sealant

- High strength and durable bonding
- Paintable
- Isocyanate-free – No air bubbling
- Solvent-free – No shrinkage
- Primerless bonding to most substrates

A high-performance, high modulus, industrial-grade, elastomeric hybrid sealant based on advanced MS Polymer technology.

Applications: Suitable for high strength bonding in various construction, automotive, and industrial applications, especially applications that will subject to dynamic stresses.

Available Colours:
White, Grey, Black

Product Code	Content	Carton Quantity
VT-652	290 ml cartridge	20 / carton
VT-652S	600 ml sausage	20 / carton

VT-665 | Primerless Auto Glass Sealant

- Primerless bonding for windscreen repairs
- Forms flexible weatherproof seal
- Good UV resistance
- Fast curing with good green strength

A moisture-cured, high modulus MS Polymer sealant formulated for windscreen bonding applications. It has high green strength and excellent resistance against weathering and temperature extremes.
It is solvent-free and will not shrink after curing.

Applications: Specially formulated for windscreen bonding applications. Suitable for glass bonding in trains and coachwork.

Colour: Black

Product Code	Content	Carton Quantity
VT-665	310 ml cartridge	20 / carton

Silicone Sealants

VT-299 / VT-299S | Structural Glazing Sealant

- 100% neutral silicone • ASTM C920 (Class 50) compliant • ASTM C1184 (Structural silicone sealant) • Structural and non-structural glazing
- Excellent adhesion to most building components • Excellent UV and weathering resistance

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.

Applications: Designed for curtain wall structural glazing applications. Also suited for weatherproof seal on most common building materials such as aluminium, galvanised and zinc-coated steel, painted surfaces, glass, brick, and concrete.

Available Colours:
Black, Grey

Product Code	Content	Carton Quantity
VT-299	300 ml cartridge	24 / carton
VT-299S	600 ml sausage	20 / carton

VT-291 / VT-291S | Non-Staining Stone Sealant

- 100% neutral silicone • ASTM C920 (Class 25) compliant • ASTM C1248 (Non-staining)
- Non-staining on natural stone • Excellent UV and weathering resistance • SIRIM Product Certification Licence Scheme

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.

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

Available Colours:
White, Grey, Black

Product Code	Content	Carton Quantity
VT-291	300 ml cartridge	24 / carton
VT-291S	600 ml sausage	20 / carton

VT-210 / VT-210S | High Performance Sealant

- 100% neutral silicone • LEED v4.1 EQ Credit: Low-Emitting Materials compliant • Food contact safe • ASTM C920 (Class 50) compliant
- Excellent weathering resistance • Permanently flexible • Indoor and outdoor use • SIRIM Product Certification Licence Scheme

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

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

Available Colours:
Translucent, White, Grey, Black, Aluminium, Dark Grey, Dark Bronze

Product Code	Content	Carton Quantity
VT-210	300 ml cartridge	24 / carton
VT-210S	600 g sausage	20 / carton

Acrylic Sealants

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VT-211 / VT-211S | Weatherproofing Sealant

- 100% neutral silicone
- LEED v4.1 EQ Credit: Low-Emitting Materials compliant
- ASTM C920 (Class 50) compliant • Weatherproof seal
- Permanently flexible • Excellent adhesion
- Indoor and outdoor use • Matte finish
- SIRIM Product Certification Licence Scheme

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

Applications: Widely used to seal external aluminium composite panels. Strong weatherproof seal on most common building materials (glass, aluminium, galvanized and zinc-coated steel, painted surfaces, brick and concrete etc.).

Available Colours:
Matte Black, Matte Grey, Matte White

Product Code	Content	Carton Quantity
VT-211	300 ml cartridge	24 / carton
VT-211S	800 g sausage	20 / carton

VT-212 | Sanitary Sealant

- Neutral silicone
- Antifungal (ASTM G21) compliant
- ASTM C920 (Class 25) compliant
- Permanently flexible
- Indoor and outdoor use
- SIRIM Product Certification Licence Scheme

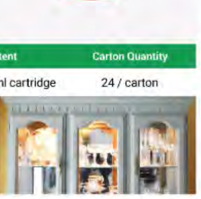
Description: A one-component, 100% neutral cure elastomeric joint silicone sealant formulated for excellent mildew resistance. It will form a durable and waterproof seal on most common wet area building materials.

Applications: Warm areas with high humidity (bathrooms, toilets, kitchen, cold room, etc.). It will bond on most building materials (ceramics, glass, aluminium, plastics, etc.).

Available Colours:
Translucent, White, Beige

Product Code	Content	Carton Quantity
VT-212	300 ml cartridge	24 / carton

VT-218 / VT-218C | Glass & Metal Sealant



- Neutral silicone
- ASTM C920 (Class 25) compliant
- Excellent adhesion • Permanently flexible
- Excellent weather resistance • Indoor and outdoor use
- SIRIM Product Certification Licence Scheme

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

Applications: Wide range of glazing, weather sealing, and other applications, including sealing metal lap joints in roofing, guttering and cladding applications. It can bond to most common building materials (aluminium, galvanized steel, painted surfaces, glass, concrete, etc.).

Available Colours:
Translucent, Dark Bronze, White, Grey, Black

Product Code	Content	Carton Quantity
VT-218	280 ml cartridge	24 / carton
VT-218C	300 ml cartridge	24 / carton
VT-218S / VT-218CS	500 ml sausage	20 / carton

VT-200 | Multi Purpose Sealant

- 100% acetic silicone
- ASTM C920 (Class 25) compliant
- FDA 21 CFR part 175.300 (Food contact safe) compliant
- Industrial grade
- Permanently flexible
- Indoor and outdoor use

A one-component, high performance industrial grade, 100% acetic cure silicone sealant formulated for glazing and sealing applications where long term reliability is required.

Applications: General glazing (glass, aluminium, plastic, etc.), curtain wall sealing, and general sealing (aquarium, skylights, ventilators, air conditioning, etc.). Not recommended for concrete and copper alloys.

Available Colours:
Clear, White, Grey, Black

Product Code	Content	Carton Quantity
VT-200	300 ml cartridge	24 / carton

VT-201 | All Purpose Sealant

- Acetic silicone
- ASTM C920 (Class 25) compliant
- Low VOC compliant
- Versatile sealant
- Permanently flexible
- Indoor and outdoor use
- SIRIM Product Certification Licence Scheme

A one-component, versatile, acetic cure silicone sealant formulated for glazing and sealing applications where long term reliability is required. It will form a waterproof seal on many common wet area building materials.

Applications: Well-suited for general sealing applications such as skylights, ventilators, air-conditioning systems, plastic signs, glass block structures and as a bedding for marine hardware.

Available Colours:
Clear, White, Grey, Black, Aluminium, Bronze

Product Code	Content	Carton Quantity
VT-201	270 / 280 ml cartridge	24 / carton

VT-202 | GP Sealant

- Acetic silicone
- Versatile sealant
- Durable and flexible
- Indoor and outdoor use

A one-component, acetic cure silicone sealant formulated for use in a broad range of applications. It will form a waterproof seal on many common wet area building materials.

Applications: Well-suited for general sealing applications such as sheet metal, skylights, ventilators, air-conditioning systems, plastic signs, glass block structures and as a bedding for marine hardware.

Available Colours:
Clear, White, Grey, Black

Product Code	Content	Carton Quantity
VT-202	230 ml cartridge	24 / carton

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

- LEED v4.1 EQ Credit: Low-Emitting Materials compliant
- ASTM C920 (Class 20) compliant • Paintable
- Permanently flexible • Easy clean up

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.

Applications: 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.).

Colour: White

Product Code	Content	Carton Quantity
VT-220	450 g cartridge	24 / carton
VT-220S	900 g sausage	20 / carton

VT-223 | Ultra Flex Gap Sealant

- LEED v4.1 EQ Credit: Low-Emitting Materials compliant
- ASTM C920 (Class 25) compliant • Paintable
- Exterior and interior sealant applications • Easy clean up
- Permanently flexible • SIRIM Product Certification Licence Scheme

A premium grade high elastic acrylic sealant for both external and internal sealing applications. It is formulated with enhance UV resistant property and can withstand up to ±25 % movement.

Applications: 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.).

Colour: White

Product Code	Content	Carton Quantity
VT-223	450 g cartridge	24 / carton

VT-224 | Rainbow Seal

- Various colours available • Dries true to wet colour • Permanently flexible

An acrylic sealant with a wide variety of colours for general purpose sealing applications. It is paintable and formulated for sealing gaps and joints where slight movements or vibrations are expected.

Applications: With a wide variety of colour, one can match the colour of various construction materials. 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.).

Available Colours:

Product Code	Content	Carton Quantity
VT-224	450 g cartridge	24 / carton

VT-222 | All Purpose Gap Sealant
VT-226 | GP Gap Sealant

- ASTM C920 (Class 12.5) compliant
- Paintable • Economical • Permanently flexible

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

Applications: 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.).

Colour: White

Product Code	Content	Carton Quantity
VT-222	450 g cartridge	24 / carton
VT-226	450 g (GW) cartridge	24 / carton

VT-225 | Rapid Drying Gap Sealant

- 10 minutes paint over time
- Permanently flexible
- Easy clean up

A premium grade acrylic sealant formulated for fast paint over time (10 minutes). It is paintable and formulated for sealing gaps and joints where movements or vibrations are expected.

Applications: Ideal for sealing applications where a fast paint over time is required. It also good for 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.).

Colour: White

Product Code	Content	Carton Quantity
VT-225	450 g cartridge	24 / carton

Caulking Materials

VT-240 / VT-244 | Awning Caulk

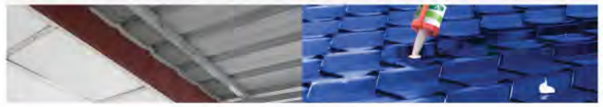
- **Outstanding durability**
- **Weatherproof**
- **Bonds most materials**

An oil-based caulk formulated to bond various types of common construction materials without primer. It has excellent adhesion, good durability, and low shrinkage.

Applications: Ideal for general sealing applications with minimal movement (containers, roofs, etc.). It also exhibits excellent adhesion to metal, wood, glass, ceramic, etc.

Available Colours:
White, Grey, Black

Product Code	Content	Carton Quantity
VT-240	400 ml cartridge	24 / carton
VT-244	300 ml cartridge	24 / carton



VT-241 | Vital Coolroom Mastic

- **Moisture resistant**
- **Non-skinning**
- **Excellent adhesion**

A non-drying, butyl rubber-based mastic that does not harden but rather remains paste-like, permanently soft. It has excellent water vapor transmission and cold temperature resistance.

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

Colour: White

Product Code	Content	Carton Quantity
VT-241	300 ml cartridge	24 / carton

PU Sealants / PU Foam / Primer

VT-655 / VT-655P | Auto Glass Sealant (Odourless)

- **Excellent adhesion • Fast curing • Good green strength • Paintable when dried**

A moisture-cured, odourless high modulus polyurethane sealant formulated for windscreen bonding applications. It is silicone-free, and has excellent resistances against weathering, temperature extremes and airborne pollutants.

Applications:
Specially formulated for windscreen bonding applications. It has a high green strength, thus suitable for glass bonding in trains and coachwork.

601 | Black Primer

A black primer containing isocyanates specially formulated to improve the adhesion of polyurethane sealant.

Colour: Black

Product Code	Content	Carton Quantity
VT-655	310 ml cartridge	20 / carton
VT-655S	600 ml sausage	20 / carton
VT-655P	310 ml sealant + 10 ml primer set	20 / carton
601	100 ml bottle	144 / carton

VT-266 / VT-268 | PU Foam

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

A one-component, moisture-cure Polyurethane Foam formulated for general-purpose applications like sealing, filling, mounting, insulating and soundproofing in concrete, plaster, brick, floorboard, most plastics, metal, glass or wood. It features good expansion yield, non-sagging, and contains only ozone-friendly propellant (CFC-Free).
It is mouldproof, water and ageing resistant, and provides good thermal and acoustic insulation.

Applications:
Ideal for installation of door and window frames, filling irregular holes or awkward 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.).

Colour: Light Yellow

Product Code	Content	Carton Quantity
VT-266 (Straw Grade)	500 ml bottle	12 / carton
VT-268 (Straw Grade)	750 ml bottle	12 / carton

Fire Retardant Sealants

Smoke, fume, and water resistant | **Up to 4 hours Fire Resistance** | **Not containing halogenated material**

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

- **4-hour fire rating (BS EN 1366-4:2021)**
- **ASTM C920 compliant • ±25 % movement capability**
- **Good UV resistance • Paintable • Damp Substance Bonding**
- **Low static charge – Less dirt streaking**
- **Isocyanate-free – No air bubbling**
- **Solvent-free – No shrinkage**
- **Primerless bonding to most surfaces**
- **Not containing any halogenated materials**

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.

Applications: 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.

Available Colours:
White, Grey, Red

Product Code	Content	Carton Quantity
VT-629	290 ml cartridge	20 / carton
VT 629S	600 ml sausage	20 / carton

VT-219 / VT-219S | Fire Rated Silicone Sealant

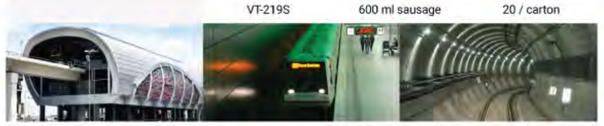
- **Fire rating up to 4 hours (EN 1366-4: 2006)**
- **ASTM C920 (Class 50) compliant • ESL Certification**
- **Excellent weather and UV resistance • Matte finish**
- **Excellent adhesion to most substrates**
- **Not containing any halogenated materials**
- **SIRIM Product Certification Licence Scheme**

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.

Applications: 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 is used in mechanical, electrical, and plumbing applications like sealing openings through fire-rated ceiling, floor, or wall.

Available Colours:
Matte Grey, Matte Black

Product Code	Content	Carton Quantity
VT-219	300 ml cartridge	24 / carton
VT-219S	600 ml sausage	20 / carton



VT-228 / VT-228S | Fire Retardant Sealant

- **4-hour fire rating (EN 1366-4: 2006)**
- **Easy clean up • ASTM C920 (Class 20) compliant**
- **Smoke, fume & water resistant**
- **Not containing any halogenated materials**

An acrylic-based 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.

Applications: Indoor joints with fire retardant requirements (joints between walls and ceiling, joints around pipe and cable work, perimeter sealing of fire rated doors and windows). It has good adhesion on most construction materials (concrete, bricks, painted wood, aluminum, etc.).

Available Colours:
White, Grey, Red

Product Code	Content	Carton Quantity
VT-228	450 g cartridge	24 / carton
VT-228S	900 g sausage	20 / carton
VT-22815K	15 kg pail	–

VT-288 | Fire Rated Duct Sealant

- **Fire resistive (conforms to UL94 HB Flammability Test)**
- **LEED v4.1 EQ Credit: Low-Emitting Materials compliant**
- **Low VOC and low odour • Excellent workability**
- **Crack and peel resistant • Slump resistant**
- **High solid content • Mildew resistance**

Fire Rated Duct Sealant is a fire resistive, water-based indoor/outdoor air duct sealant. It performs as a tough and flexible adhesive and sealant on the joints and seams, thereby effectively blocks the infiltration of gases, dust and other contaminants and the exfiltration of conditioned air. It is able to accommodate minor vibration and movement, stays flexible and does not crack.

Applications: Ideal for sealing fabricated joints and seams of sheet metal air ducts, fibreglass duct board, thermal insulation, crawl space vapour barriers, house wrap, and other types of air ducts.

Available Colours:
Grey

Product Code	Content	Carton Quantity
VT-288	4.0 kg pail	4 / carton
	20.0 kg pail	–
	300 ml cartridge	24 / carton

TURN A HEALTHIER APPLICATION INTO A BUSINESS ADVANTAGE

Protect Your Team. Add Project Value. Earn Customer Confidence.

Choosing Health Guard allows applicators to go beyond installation by offering customers a safer, healthier and higher-value solution.

TRADITIONAL ADHESIVE	VS	HEALTH GUARD ADHESIVE
Contains Toluene		Formulated without Toluene 无甲苯
Contains Formaldehyde		Formulated without Formaldehyde 无甲醛
Might classified as CMR		Not classified as CMR 未被列为 CMR物质 致癌性（C）致突变性(M）生殖毒性(R)
Might wihout Low VOC		Low VOC Compliant

HEALTH GUARD BENEFITS

SAFER FORMULATION
Formulated without Toluene & Formaldehyde, Low VOC

BETTER INDOOR AIR QUALITY
Create a healthier environment

SUITABLE FOR HOMES & OFFICES
Ideal for living and working spaces

STRONG BONDING PERFORMANCE
Reliable & durable bonding

The Difference of Healthier Environment Space

Construction Adhesive Sealants

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VT-230 | Vital Nails Construction Adhesive Sealant

FORMULATED WITHOUT TOLUENE & FORMALDEHYDE

- Mirror and polystyrene safe • Strong initial grab
- Non-drip paste • Excellent adhesion on most substrates

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

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

Colour: Brown

Product Code	Content	Carton Quantity
VT-230	350 g cartridge	24 / carton

VT-231 | Heavy Duty Construction Adhesive Sealant

FORMULATED WITHOUT TOLUENE & FORMALDEHYDE

- Professional choice • Non-drip paste
- Instant grab • Bonds most materials

A heavy duty construction adhesive sealant formulated for general construction, remodelling, maintenance & repair projects. The instant grab formula holds projects in place instantly, reducing bracing requirement. It bonds most construction materials. It has strong initial grab, superior adhesion and will not slump on vertical surfaces.

Applications: Ideal for wood flooring (Harder after curing), bonds most construction materials: wood (wet, treated, etc.), plywood, particleboard, hardboard, metal, concrete, polyurethane foam, stone, ceramic, and most large panel substrates.

Colour: Beige

Product Code	Content	Carton Quantity
VT-231	350 g cartridge	24 / carton

VT-232 | Eco Nails Construction Adhesive Sealant

FORMULATED WITHOUT TOLUENE & FORMALDEHYDE

- Singapore Green Building Product Labelling Scheme (SGBPLS) compliant
- Tested with CISCA 2007- Section 6: Pedestal Overturning • Moment test
- Non-drip paste • Strong initial grab • Bonds most materials

A low-VOC construction adhesive formulated to comply with SCAQMD rule #1168. It has strong initial grab on most construction materials, excellent adhesion, and will not slump on vertical surfaces.

Applications: Ideal for bonding most construction material: wood, particleboard, masonry, metal, concrete, fibre-reinforced cement board, bricks, flooring panel. Shows excellent adhesion for bonding raised access floor pedestals to cement floor screed (tested with CISCA 2007-Section 6: Pedestal Overturning Moment Test).

Colour: Light Brown

Product Code	Content	Carton Quantity
VT-232	350 g cartridge	24 / carton
VT-2325K	5.0 kg pail	4 / carton

VT-233 | Green Nails Panel Adhesive Sealant

- Low VOC compliant
- High initial grab
- Non-drip paste
- Paintable

A water-based, low VOC, panel adhesive formulated for good initial grab and durable bonding. It is fast curing and is paintable.

Applications: Ideal for bonding most construction materials: wood, metal, glass, plastic, stone, ceramic, plasterboard, and brick. Typical applications include adhering wall panels, ceramic tiles repair, and batten installation.

Colour: Off-White

Product Code	Content	Carton Quantity
VT-233	400 g cartridge	24 / carton

VT-236 | V-Bond Construction Adhesive Sealant

- Excellent adhesion for all metal substrates (non-porous)
- Strong initial grab
- Bonds most materials

A high performance construction adhesive specially formulated to bond non-porous substrates, such as Aluminum Composite Panel (ACP) and metal panel. It is also suitable to bond a variety of other common construction materials. It has strong initial grab, superior adhesion, and will not slump on vertical surfaces.

Applications: Suitable for Aluminum Composite Panel (ACP) and metal panel installations. Ideal for bonding most construction materials: wood, particle board, metal, concrete, fiber-reinforced cement board, ceramics, bricks, flooring panels.

Colour: Brown

Product Code	Content	Carton Quantity
VT-236	350 g cartridge	24 / carton

VT-238 | White Nails Construction Adhesive Sealant

FORMULATED WITHOUT TOLUENE & FORMALDEHYDE

- White colour • Polystyrene safe • Strong initial grab • Very fast drying
- Excellent adhesion on porous and non-porous substrates

A high-performance construction adhesive sealant formulated to bond a variety of construction and industrial materials. It features strong initial grab, excellent adhesion, very fast drying, and it will not slump on vertical surfaces. When it is used to bond any objects or on surfaces that are white in colour, the adhesive will be less conspicuous if excessive amount is applied and it oozes out from the object.

Applications: Ideal for bonding both porous and non-porous substrates. It works on most construction materials: woods, concrete, metals, plastics, aluminium frames, glass, plywood, gypsum boards, particle boards, fiber-reinforced cement boards, ceramics, natural stones, floor panels, skirting boards, floor transition strips and end caps, cornices, wainscoting, architrave and door jambs, decorative wall panels, shiplap walls, etc. It is also recommended for industrial applications like bonding signage and polystyrene foam copings/mouldings.

Colour: White

Product Code	Content	Carton Quantity
VT-238	350 g cartridge	24 / carton

Construction Adhesive Sealants

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VT-239 | Clear Nails

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

A clear 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.

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

Available Colours:
Colourless

Product Code	Content	Carton Quantity
VT-239	300 ml cartridge	24 / carton

VT-262 | Instant Nails

• Professional choice • Instant grab • Non-drip paste
• Bonds most materials • Formulated for vertical bonding applications

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.

Applications:
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.

Available Colours:
Beige

Product Code	Content	Carton Quantity
VT-262	390 g cartridge	24 / carton

Functional Standard

ASTM C920
Product Standard Specification

SIRIM
SIRIM Product Certification Licence Scheme

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 21 CFR Part 175.300
Food Contact Safe

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

SIRIM
SIRIM Listed Product Certification Licence Scheme

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