

The logo consists of the letters 'AS' in a stylized, blocky font with a grid pattern, positioned above the letters 'SIA' in a clean, sans-serif font.

**AS SIA**  
Architectural  
Specifier  
Market 2022

THE SPECIFIER'S  
**GUIDE:BOOK**

BY SINGAPORE INSTITUTE OF ARCHITECTS





THE WORLD THINNEST'S AUTOMATIC DOOR OPERATOR

SWISSTECH  
**QUANTUM ULTRA THIN**  
AUTODOORS REDEFINED

COMMERCIAL | MEDICAL | RESIDENTIAL



Swisstech's Quantum UltraThin is a reinvention of the traditional automatic door operator. The Quantum UltraThin's linear magnetic motor uses magnetic fields to create thrust. This reduces the number of mechanical parts required, resulting in a slimmer and more silent product with a longer lifespan.



+65 6100 5778



admin@swisstech-intl.com



11 Mandai Estate #09-02,  
Singapore 729908



## Welcome Message

### **Dear fellow architects and friends from the building specialists trade,**

On behalf of SIA, thank you for your participation and support in our second edition of the SIA Architectural Specifier Market (ASM). This year, the event is co-located with SIA Practice Convention 2022, placing a strong emphasis on the importance of specifications in our practice.

Amongst the many issues we have discussed, the 62nd council is looking into how to raise the profession to a higher level, attract new talent and raise the built environment to its rightful place. In pushing for commensurate fees for the industry, we acknowledge that knowledge is key to unlocking the value that architects bring to every development and project.

In a fitting manner, ASM, conceived in 2019, creates the space where architects and building specialist can have fruitful knowledge exchange, with mutual benefit. Through the Practice Convention, conversations surrounding key topics such as code of practice, contract law, sustainability and specification will be had.

I am delighted to see that in its 2nd run, ASM has demonstrated a strong standing as the "must-attend" event for both architects and building specialists with overwhelming interest. Coupled with the Practice Convention this year, we are delighted to welcome over 300 in-person delegates across the two days, as well as an anticipated 400 more architects attending the event virtually.

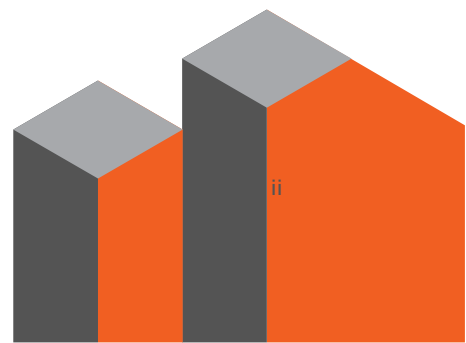
**Ar. Melvin Tan**  
**President, 62nd Council 2022-2023**  
**Singapore Institute of Architects**

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## 3M SINGAPORE

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10 Ang Mo Kio Street 65, Techpoint #01-01, Singapore, 569059

+65 6450 8888

3M applies science to develop innovations that make lives better, easier and more complete in diverse industrial and consumer industries, all while contributing to sustainable development. 3M employs more than 1,600 employees across manufacturing, research and development, supply chain and business operations based at Ang Mo Kio, Woodlands and Tuas.

At 3M, we are experts in helping you push the boundaries of what's possible through form and function. We work with architects, designers and construction companies to create beautiful and functional spaces. With the building and construction solutions portfolio ranging from the functional building window solar films to design-centric architectural film solutions for glass and interior design, we combine the demands of solid construction with the core elements of good

### 3M DINOC Architectural Finishes



A masterpiece improves the lives of all who experience it. They are the objects of beauty inspired by nature and materials at hand – wood, textile, stone, leather, metal – and are limited only by the imagination of the master. 3M™ DINOC™ Architectural Finishes bring you the beauty of hundreds of natural elements with the additional new designs, Premium Wood, Metallic Palette and Artisanal Design, to inspire your masterpiece. We use advancements in science so you can capture the world's natural beauty without sacrificing a forest or your creative ideals. You can create a stunning new space quickly, easily, and sustainably or breathe new life into an existing space almost overnight. The nonporous surface of DINOC™ Architectural Finishes is not just beautiful but easy to clean and disinfect. There are no boundaries. No limits. Only your imagination. Create your masterpiece.

### 3M Glass Finishes



Take your glass from ordinary to extraordinary. When you want the upscale look of expensive etched, cut or textured glass, 3M™ Glass Finishes are the clear solution. An amalgamation of optical beauty and with a variety of contemporary glass design to choose from, FASARA Glass Finishes offer an uncomplicated solution for creating the illusion of etched, treated or textured glass. Visual complexity combined with subtle textures, FASARA films give depth to glass and provide customized privacy while simultaneously preserving natural light. Layer FASARA films to create a custom design.

### 3M Window Films



3M earned the world's first patent for sun control window film in 1966. Today, there are millions of buildings with 3M Window Films installed all around the world. Combining technologies in imaginative ways, our scientists continue to develop revolutionary solutions that help make your space remarkable, inside and out. Increase comfort, conserve energy, and even increase safety and security with 3M's building window films. Whether you need to upgrade windows to code or enhance protections against accidents or spontaneous glass breakages, we can help you find the right solution.



## AKZO NOBEL PAINTS (SINGAPORE) PTE LTD

- www.akzonobel.com    customer.care.sg@akzonobel.com
- www.youtube.com/user/duluxsingapore
- www.linkedin.com/company/akzonobel
- www.facebook.com/dulux.sg duluxsg
- 3 Changi Business Park Vista #06-01, AkzoNobel House, Singapore, 486051
- +65 62650677

With a proven track record of excellence and over 70 years of experience in Singapore, AkzoNobel Paints, formally known as ICI Paints, is part of the world leading coatings manufacturer. Our world class portfolio of brands include Dulux, Dulux Professional, International, Sikkens and Interpon – trusted by customers around the globe.

Sustainability is at the core of AkzoNobel’s business strategy, and we are committed to driving innovation and delivering more value from fewer resources. AkzoNobel has also been ranked #1 on the Dow Jones Sustainability Index (DJSI) for four consecutive years, and has made further commitments to be carbon neutral and use 100% renewable energy by 2050.

The company also has a clear commitment to helping create more Human Cities around the world. AkzoNobel is using the brand’s three key strengths – essential ingredients, essential protection and essential colours – to energize communities and make them more liveable and inspiring.

### Dulux Professional Weathershield Express



AkzoNobel, leading global paints and coatings company, is the first to launch Dulux Professional Weathershield Express, a premium quality exterior paint that combines sealer and paint (topcoat) in one, delivering the same high performance and superior all-weather protection but requires one less coat, saving time, increasing productivity by up to 30%.

Eco-certified as low in volatile organic compounds (VOC) with no added heavy metal, alkylphenol ethoxylates (APEO) or formaldehyde, Dulux Professional Weathershield Express contains following Weathershield Technologies :

- Algae & Fungus Guard - prevents damage from alkali and fungus attacks
- Alkali Guard - protects against damage caused by alkali salts
- Colourlock™ - retains colour vibrancy
- Dirt Guard - actively resists dirt and dust
- Keep Cool™ - Heat from sunlight is reflected to reduce exterior wall surface temperature by up to 5° C, keeping interiors cooler
- Singapore Green Building Certification SS345 and SS579 compliance

Visit <https://www.duluxprofessional.com.sg/weathershield-express>

### Dulux Professional Diamond Care










Dulux Professional Diamond Care is a multifunctional all-in-one premium interior emulsion for use on all interior wall surfaces.

Key Features :

- Anti-bacterial properties
- Superior toughness
- Outstanding washability
- Anti-fungal
- Colourguard technology that locks in colours
- Covers hairline cracks
- Low odour



## ALLEGION (SOUTHEAST ASIA) PTE LTD

-  [www.allegion.com.sg/](http://www.allegion.com.sg/)
-  [sea.info@allegion.com](mailto:sea.info@allegion.com)
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-  [www.linkedin.com/company/allegion](https://www.linkedin.com/company/allegion)
-  31 Ubi Road 1, #07-01 Aztech Annex Building, Singapore, 408694
-  +65 6227 7318

Allegion is a global pioneer in seamless access, with numerous leading brands like CISA® , Interflex® , LCN® , Schlage® , SimonsVoss® and Von Duprin® . Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions.

Allegion's products are tested and approved to various recognized standards including Singapore Standards SS332:2018 and with valid Certificate of Conformity (CoC) for use on Fire Doors. Singapore project references include Raffles Hotel, Microsoft Data Centre, Marina One, Marina Bay Sands, and Reflections at Keppel Bay to name a few of the many prestigious buildings where Allegion products have been used. No matter how simple or stringent your access and security solutions needs may be, we have the products to satisfy them fully in terms of quality, durability, innovative technology, and budget.

### FAST Panic exit devices



Modular, reliable, non-handed with a wide range of products and accessories, adaptable to any type of door frame and controlled by electric handles, electric strikes or microswitches.

CISA panic exit devices have always been technologically advanced: with FAST the bar has been raised even higher with its bold, eye-catching design, quicker and more user-friendly installation and complete interchangeability with the previous version.

The high-impact new look highlights the strong construction and reliability of FAST, and installation times are cut by up to 50% compared to previous versions.



### Professional PLUS 2

The range of CISA Professional PLUS2 door closers has been developed to deliver high performance, efficient solutions to the sector. The door closers are designed to meet all installation requirements: from standard to high traffic doors. Thanks to its strength and reliability, the Professional PLUS2 range is suitable for all kinds of doors, including standard doors and fire doors. The quality of the materials used and the level of precision engineering make CISA Professional PLUS2 door closers long-lasting and reliable. The

materials used and the technical solutions adopted guarantee compliance with the strictest regulatory requirements. This has enabled CISA to obtain marks and certifications including: CE mark in compliance with Regulation (EU) No. 305/2011 issued by EXOVA for use on fire doors.



### SimonsVoss Keyless Security

SimonsVoss has revolutionised conventional mechanical locking systems using digital technology and integrated access control functions to make your life and working environment safer, more convenient and more cost-effective. They consistently and successfully implemented this vision based on their radio-controlled, cable-free locking and access control system.

Anyone who wishes to keep up with the times will choose digital locking. Electronic keys and locking cylinders far outperform their mechanical equivalents, because they can do much more than simply lock and unlock. They provide significantly greater security and are more economical in the mid-term.





## PHOENIX TAPWARE (EXCLUSIVE AGENT BATHWORLD)

- [www.phoenixtapware.com.au](http://www.phoenixtapware.com.au)
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- [www.youtube.com/channel/UC2ySAKJtCcFCyJd2pfyY5wA](https://www.youtube.com/channel/UC2ySAKJtCcFCyJd2pfyY5wA)
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- <https://www.linkedin.com/company/phoenix-tapware/>
- 201 HENDERSON ROAD, #03-15, SINGAPORE, 159545
- +65 6352 2202

Phoenix creates bathroom and kitchen fittings through refined Australian design. For over 30 years, we've been trusted to deliver innovation, precision and quality in every product – designed in house and made with pride – for a timeless experience in the home. At Phoenix, we believe innovation and sustainability go hand in hand. In everything we envision, design and manufacture, we're considering the future of that product, and the future of our planet. As well as our design, sustainable principles are embedded in our processes to ensure we minimise our waste and our environmental impact. Today, Phoenix is not only an Australian leader in tapware. Our designs have been recognised by international awards, and our products are now found in kitchens and bathrooms around the world.

### PHOENIX NX IKO TWIN SHOWER



The award-winning Iko collection expands our NX Showers range, representing the next generation in HydroSense technology. Slender, elegant and technology driven, Iko is stripped back with a clean and light, rounded profile shower design with concealed elements.

The ribbing detail is inspired by water ripples to create a beautifully harmonious presence for any bathroom interior. HydroSense is a revolutionary water spray technology that accelerates water flow tenfold, resulting in better coverage and an improved shower performance.

### PHOENIX AXIA



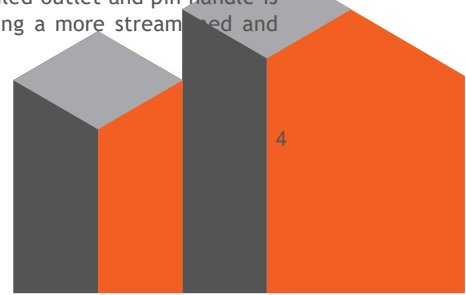
Axia offers a shifting perspective on the premium bathroom design, showcasing a fresh focus on crisp detailing with a powerful presence.

The international design industry loves Axia too, winning at the prestigious Red Dot, Good Design Awards and iF Design awards for innovation and cutting-edge design.

### PHOENIX LEXI MK II



Proudly designed in Australia, the award-winning Lexi MKII collection builds on the distinctive linear profile of Lexi with a sleeker, more sophisticated aesthetic. The slender profiled outlet and pin handle is now elongated and sits vertically, offering a more streamlined and complex engineering element.





## BRUCHA SG PTE. LTD.

- [www.brucha.com/en/products/panels](http://www.brucha.com/en/products/panels)
- [asia@brucha.com](mailto:asia@brucha.com)
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- 25 International Business Park, #03-79 German Centre, Singapore, 609916
- +65 88665478

BRUCHA is a well-recognised and established Austrian quality manufacturer of standard and specialised insulated panels for the building envelope as well as for controlled environment solutions.

Founded more than 70 years ago, our family-owned company counts over 750 employees worldwide. Due to our broad product portfolio, services and experiences, we provide comprehensive and customised solutions for building applications.

Brucha has a proven track record of awarded large scale projects worldwide - from warehouses, cold storage facilities, deep-freeze warehouses and production plants to high-rack storage units.

### BRUCHAPanel FP-F



Our conceal-fixed FP-F mineral wool panels provide a smooth and superior look for any façade and design request with a fire resistance of up to 120 minutes.

COC-certified & FM Approved quality.

All FP-F façade panels are factory-fitted with a joint vapour barrier and joint sealing tapes for optimal moisture protection and air tightness.

### BRUCHAPanel WP-F

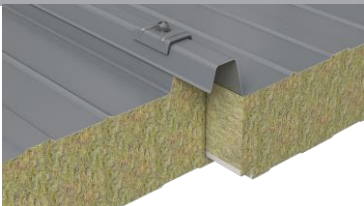


Our visible-fixed WP-F mineral wool panels provide ultimate safety and protection with a fire resistance of up to 240 minutes under the most demanding conditions.

COC-certified & FM Approved quality.

All WP-F wall panels are factory-fitted with a joint vapour barrier and joint sealing tapes for optimal moisture protection and air tightness.

### BRUCHAPanel DP-F








Our DP-F mineral wool panel is a one-step, easy-to-install insulated roof panel that provides a fire resistance of up to 120 minutes.

COC-certified & FM Approved quality.

All DP-F roof panels are factory-fitted with a joint vapour barrier and joint sealing tapes for optimal moisture protection and air tightness.



# DA DI GLASS (SINGAPORE) PTE LTD

-  Da Di Glass (Singapore) Pte Ltd  [contact@dadiglass.com](mailto:contact@dadiglass.com)
-  Da Di Glass (Singapore) Pte Ltd
-  14 Sungei Kadut Avenue, Singapore, 729650
-  +65 63630609

A manufacturer of high specification Security glass products, Da Di Glass has decades of R&D and manufacturing under her belt. Coupled with a suite of high performance glass processing equipment from Europe to ensure consistent high quality outputs. Our products are certified to the most rigorous standards around the world from renowned test labs and used around the world. Partner us to elevate the protection level(or security) of your projects

Provider of privacy smart glass and tech solutions for healthcare and security, with system integration with hardware and software customized to their requirements. This include sensors and software for custom logc.

## DaDiGlass BallisticShield / BlastShield



DaDiGlass BallisticShield™ is a lightweight multi-layer laminate that is able to withstand ammunition of various caliber, from handguns to rifles. It provides a high level of protection with minimal thickness, yet lighter in weight than conventional bullet-resistant glass. Applications include facades, windows, doors and vehicles. Our ballistic resistant glass is tested according to UL752 and NIJ Standard 0108.01, which is the highest accreditation and strictest standards.

DaDiGlass BlastShield™ is a blast resistant glass that uses laminating technology that helps to mitigate the threat from explosives through our unique glass and interlayers, and protects spalling from within the occupants. This means that occupants are protected behind the glazing, against shrapnel and glass shards in the event of a threat. It can be designed to meet specific blast threats from accidental, industrial or deliberate explosions.

## DaDiGlass Anti-Bandit



Historically, Anti-Bandit Glass is used in show windows to save merchandise from the traditional "mash and grab" thief. Its use was then extended to screens, to protect staff from thrown objects and manually wielded weapons. For glass that require even more protection from intruders and burglary, it will be specially reinforced to resist against an axe & hammer attack, protecting valuables within.

There are two categories for Anti-Bandit Glass. The first which is classified by a drop ball test (P4A), which is a simulation of a thrown object smashing through a glass window.

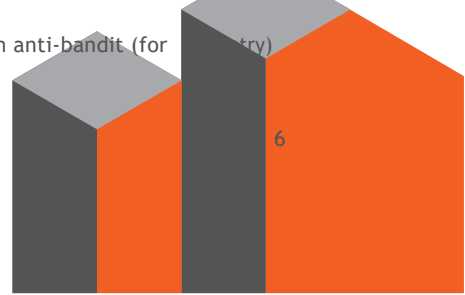
The second classification would be a hammer and axe test (P6B, P7B & P8B), which simulates an actual burglar attempt to break into a glass window or shopfront.

## DaDiGlass Smart Switchable



DaDiGlass™ Smart Switchable provides a clean, natural, and aesthetic switchable glass, allowing privacy when you need it, and an open atmosphere when you want it. With a flick of a switch, the smart glass transform from its opaque state to clear, almost like magic. Our Smart Switchable Glass is made using PDLC (polymer dispersed liquid crystal) films from Gauzy, which are made in Israel and is at the forefront of the liquid crystal films industry in Europe.

These privacy smart glass can be combined with our security glass with anti-bandit (for protection).





## DYSON SINGAPORE PTE LTD

- [www.dyson.com.sg/](http://www.dyson.com.sg/) [RoA.specification@dyson.com](mailto:RoA.specification@dyson.com)
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- Ascent Tower B, 2 Science Park, #03-13/26, Singapore Science Park 1, Singapore, 118222
- +65 6643 2999

### Dyson Airblade Wash+Dry Hand Dryer



Airblade™ hand drying technology in a tap

- 14 second dry time
- Hygienic performance with HEPA filter
- Up to 98% less expensive to run than paper towels
- 5-year parts and labour warranty

### Dyson Airblade 9kJ Hand Dryer



Fast energy efficient HEPA-filtered hand dryer

- 10-12 second dry time
- Hygienic performance with HEPA filter
- Up to 99% less expensive than single-use paper towels
- 5-year parts warranty, easy self-service
- Max and Eco mode available

### Dyson Airblade V Hand Dryer

Engineered for hygienic performance.  
Designed for compact spaces.

- 12 second dry time
- Hygienic performance with HEPA filter
- 5-year parts warranty, easy self-service





## ELKAY ASIA PACIFIC SALES PTE. LTD

- asiapac.elkay.com
- asiapac@Elkay.com
- www.youtube.com/user/elkayusa
- www.linkedin.com/company/elkay-manufacturing
- www.facebook.com/elkayusa/
- elkay\_usa
- Unit #04-01, Paya Lebar Quarter, 1 Paya Lebar Link, Singapore, 408533
- +65 6980 6370

Elkay, a century-old American company headquartered in Downers Grove, Illinois, offers “Innovative Hydration Solutions” for hospitality, healthcare, educational institutions, office buildings, airports, shopping malls, outdoor parks, and other high-traffic locations. Elkay’s water dispensers can be installed in both indoor and outdoor settings.

Elkay has been a trusted partner for many sustainable projects around the world that are committed to reducing plastic waste. With Elkay’s award-winning EZH2O bottle filling stations, Elkay’s clients can reduce the consumption of plastic water bottles, generating cost savings while protecting the environment. From its official launch in 2010 to date, EZH2O stations have saved more than 40 billion water bottles from landfills.

To learn more about Elkay, visit [www.elkay.com](http://www.elkay.com); <http://asiapac.elkay.com/> Elkay Manufacturing (SG office) is also a registered company in GeBIZ.



### Elkay ezH2O Liv Pro - LBWD2C00

#### Experience ezH2O Liv

Elkay takes water delivery to a new level with ezH2O Liv, a filtered water dispenser designed to seamlessly fit in the home or any commercial space – it’s a sleek, convenient addition to any room. ezH2O Liv goes beyond water delivery, offering peace of mind with an NSF-certified filter that reduces lead and other harmful contaminants from water.



### Elkay EZH2O Bottle Filling Station - LZS8WSS2K

The Elkay EZH2O® Bottle Filling Station delivers a clean quick water bottle fill and enhances sustainability by minimizing our dependency on disposable plastic bottles. Complete cooler and bottle filling station in a consolidated space-saving ADA compliant design. Bottle Filler features sanitary no-touch sensor activation with an automatic 20-second shut-off timer.



### Elkay Outdoor ezH2O - LK4420BF1UDB

The Elkay EZH2O Bi-level, Pedestal Outdoor Water Bottle Filling Stations is ideal for educational campuses and recreational areas. Powder-coated exterior over a corrosion-resistant stainless steel type-316 base material to provide protection from the elements.

This water station is designed to be easily accessible to both able-bodied individuals and physically challenged as well as for pets, which makes it one of the most suitable outdoor drinking fountains with water refilling stations on the market today.



## FLORIM CERAMICHE S.P.A SB

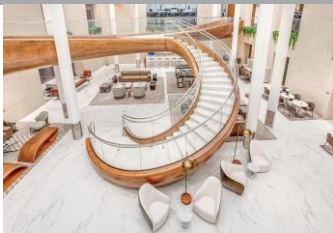
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- [www.youtube.com/watch?v=U6rBGAeoldU](http://www.youtube.com/watch?v=U6rBGAeoldU)
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- [it-it.facebook.com/Florim4Architects/](https://www.facebook.com/Florim4Architects/)
- 63 Mohamed Sultan Road, SINGAPORE, 239002
- +65 69702762

Florim, with an innate passion for beauty and design, has been producing ceramic surfaces for more than 50 years.

Today Florim serves the market through its high-end commercial brands, capable of meeting the most demanding requirements of construction, architecture and interior design sectors.

With a long-established commitment to continual improvement and its eyes firmly set on the future, the company transforms and personalises the familiar Made in Italy concept to offer the world MADE IN FLORIM.

### REX, CDC, FLOOR GRES, CERIM, CEDIT, FLORIM STONE



Porcelain surface: porcelain tiles and slabs suitable for the following application: floor, wall, exterior facades, swimming pool, countertop, basin and furniture

### FLORIM FACADE SOLUTION

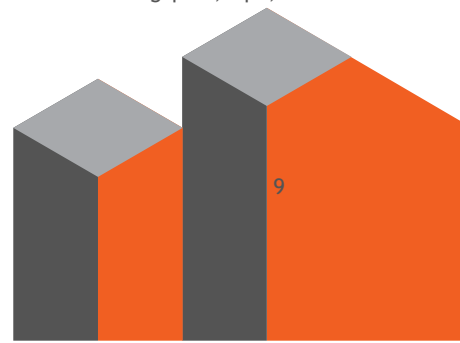


Cladding Systems: mechanical cladding systems suitable for the buildings facades' installation, to be used in combination with Florim products

### FLORIM SWIMMING POOL SOLUTION



Porcelian swimming pools materials: porcelain tiles and slabs suitable for the following application: swimming pool, Spa, jacuzzi, steam room





## GREEN MATERIALS TRADING PTE LTD

[www.gmtrade.sg/](http://www.gmtrade.sg/)

[sales1@gmtrade.sg](mailto:sales1@gmtrade.sg)

[www.youtube.com/watch?v=l9sV1Xacd3Y](https://www.youtube.com/watch?v=l9sV1Xacd3Y)

10 Ubi Crescent #04-81, Ubi Techpark (Lobby E), Singapore, 408564

+65 68938896

Green Materials Trading (GMT) was founded to provide technical know-how ranging from civil, and material, to environmental and design expertise to service Singapore's built environment. We are passionate about driving the adoption of green building materials that pushes the building industry closer to meeting Government-mandated environmental preservation goals. Our corporate philosophy is simple: "Sustainably sourced affordable construction products for all"

We take pride in curating products from responsible manufacturers both locally and internationally. Our suppliers are selected on three metrics:

- 1) Responsible source and environmentally friendly
- 2) Effective and efficient, improving productivity
- 3) Functional and durable for large scale use

On top of our rigorous assessments, products that come through us are affordable enough to displace current brown solutions and functional enough to meet all your project requirements.

### Diathonite Thermal & Acoustic Insulation



The Diathonite range of thermal and acoustic insulation products are cork-based, natural lightweight, dehumidifying, and fire-resistant (A1); it reduces heat exchange, providing greater thermal comfort, reducing energy costs, and keeping Singapore buildings and houses cooler during the hotter months.

Diathonite Thermactive.037 (ceiling and walls) and Diathonite Screed (floors) are two great thermal insulation examples of lighter weight solutions with minimum application thickness (compared to traditional solutions), greater thermal and mechanical performance, environmentally friendly, and natural products suitable for outdoors and indoors.

### Diasen Waterproofing Solutions



Diasen's range of liquid waterproofing products is for every type of surface, in any weather condition. The range of waterproofing products includes:

1. Oriplast Reflex - Ultra UV ray reflective coating
2. Acriflex X-Pro - Fiber-reinforced, walkable
3. Acriflex Rapido - Smart drying nanotechnology, dries in 20 minutes
4. Watstop - Positive and negative thrust, resistance up to 9.5 ATM
5. Vaposhield - Positive and negative thrust, resistance up to 9.5 ATM (can be applied on damp surfaces)

Additional special coatings such as:

1. CWC Stop Condense - For condensation and mold issues
2. BKK Eco - Transparent water repellent coating on existing surfaces
3. ORA Anti-Rain - For terraces, balconies

### Buildo Watertight ALC Wall Panel System



Buildo autoclaved aerated lightweight concrete (ALC) wall panels are known for their high-quality watertight system and many benefits, such as:

1. Great thermal insulation with a U-value of 1.45 W/m<sup>2</sup>K, reducing heat exchange
2. Watertight system with application of PU Foam and PU Adhesive
3. 4 hours fire rating (bare surface)
4. Lightweight; Fast and easy installation, increasing productivity
5. Solid panels with double-layer steel mesh reinforcement

Project references include industrial, residential, institution, infrastructure, and commercial projects for both external and internal walls, and floor planks.



## GREENLAM ASIA PACIFIC PTE LTD

- 🌐 [www.greenlam.sg](http://www.greenlam.sg)    ✉ [info.sg@greenlam.com](mailto:info.sg@greenlam.com)
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- 📍 11 Sungei Kadut Crescent, Singapore, 728683
- ☎ +65 63659138

Greenlam is among the world's top 3 and Asia's largest surfacing solutions brand. With its presence in over 100 countries, Greenlam has focused on developing quality products with great passion for innovation. We offer end-to-end surfacing solutions spread across laminates, compacts, interior and exterior cladding, restroom cubicles & locker solutions, decorative veneers, engineered wooden floors and doors. With two state-of-the-art manufacturing facilities in the country, Greenlam is the first choice of architects, interior designers and home owners when it comes to transforming living spaces.

We believe that creating beautiful spaces should not cause damage to our planet. That's why our products are certified with FSC, PEFC, Greenguard Gold, Greenguard, Green Label, NSF. On top of that, our surfaces are tested and proven to be Anti-Virus and Anti-Bacterial, making spaces safer.

For more information, please visit us at: <http://www.greenlam.sg>

### Greenlam High Pressure Laminates (HPL)

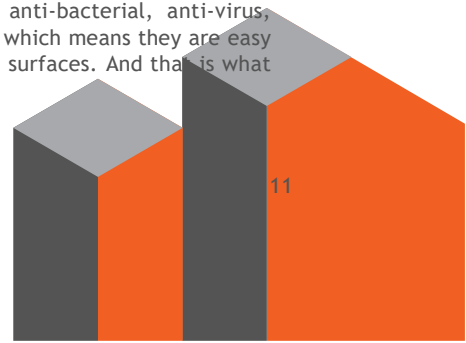


Greenlam anti-bacterial and anti-virus laminates bring you a legacy of exceptional artistry, unsurpassed quality, and an unyielding passion for excellence. These laminates are more than just beautiful surfaces with their ability to retard the growth of up to 99.99% bacteria and viruses on their surface. They not only add an understated style to spaces but also meet all parameters of health and environmental safety. So, go ahead, and craft the interiors of your dreams with mesmerising textures and decors available in our latest collection curated by French design experts after their extensive research on trends across industries.

### Anti-Fingerprint Laminate (AFX)



The Greenlam AFX ultra matte laminate uses state-of-the-art technique of EBC (Electron Beam Curing), creating a top surface that rejects the reflection of light and non-porous, giving you an ultra matte, anti-fingerprint surface that ensures no fingerprint mark spoils their beauty. But there is more to this ultra matt surface than just being fingerprint-resistant. These compacts and laminates are anti-bacterial, anti-virus, hydro-, mould-, and scratch-resistant too - which means they are easy to maintain. Now that is redefining interior surfaces. And that is what sets Greenlam AFX apart from the rest.





AFX  
ANTI FINGERPRINT SURFACES

# TRUE BEAUTY STAYS SPOTLESS

SCRATCH  
RESISTANT



ANTI - VIRUS AND  
ANTI - BACTERIAL



EASY TO CLEAN



SOFT TOUCH



HYDRO RESISTANT



FOOD CONTACT  
SUITABLE



ANTI - FINGERPRINT



The Greenlam AFX laminate uses the state-of-the-art technique of EBC (Electron Beam Curing), creating a top surface that is non-porous and rejects the reflection of light, giving you an ultra-matte, anti-fingerprint surface that ensures no fingerprint mark spoils their beauty.

Now that's redefining interior surfaces.

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Greenlam Asia Pacific





## HAFELE SINGAPORE PTE LTD

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- 🏠 1 Kaki Bukit Road 1, #01-27/28, Enterprice One, Singapore, 415934
- ☎ +65 6494 7400

Häfele, an international company providing hardware and fitting systems and electronic locking systems, has a long and rich history that began in 1923. Established in 1988, Häfele Singapore serves the growing number of local clients using our extensive range of Furniture Fittings and Hardware Technology from Germany. Today, we continue to serve the industry with commitment and dedication. Häfele is a highly regarded partner to the woodworking and building industry, architects, interior designers, contractors, property developers and end-users. Our comprehensive hardware technology supply range includes: Furniture Fittings, Sliding and Folding Door Hardware, Electronics Locking System Dialock, Kitchen appliances and Sanitary.



### Smart Digital Door Lock

Hafele DL 7600 Smart Lock is tested to SS 332:2018, and passed fire test 1634-1. It comes with 4 functions for unlocking: Biometric, Pin Code, RFID Card & Mechanical Emergency Key.

DL 7600 also have Bluetooth feature for ease of setting up the Smart Lock. Zwave connectivity is available for connection to Smart Home Hub.

Colour available: Black / Bronze.

### Architectural Hardware / Sliding Solutions

Hafele provide complete range of ironmongery for timber / metal & glass doors, for both swing and sliding. Our ironmongery also passed SS 332:2018 & fire test for fire door usage. Häfele ironmongery comes in different finishes such as satin stainless steel / matt black.

Hafele also partner with Hawa for sliding solutions, Kawajun for designer handles & Entre for auto door solutions.



### Furniture Fittings / Home Appliances

Hafele is well known for its solution for kitchen & wardrobe fittings and smart storage for maximize the usage, and to minimize space.

In addition to the solution for kitchen, Häfele also provide range of hood, hob, oven, kitchen sink & tap, as well as dish washer and washing machine.

# HÄFELE

## TURNING CHALLENGES INTO SOLUTIONS.

HÄFELE - YOUR PARTNER RIGHT FROM THE START.



With a comprehensive range of products and exceptional expertise, Häfele provides thorough solutions for your projects, from planning to operation. One of a kind, our services help your planners, architects and contractors implement their ideas efficiently and more.

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GERMAN QUALITY. SINCE 1923.

**HANSGROHE PTE LTD**

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[www.linkedin.com/showcase/hansgrohe-brand/](https://www.linkedin.com/showcase/hansgrohe-brand/)

69 Mohamed Sultan Road, Singapore, 239015 +65 68845060

hansgrohe stands for innovative solutions for kitchens and bathrooms that combine intelligent functionality, outstanding design, and enduring quality. With its many award-winning products, the brand steeped in tradition, shapes the flow of water in the kitchen and the bathroom.

Together with long-time design partners PHOENIX Design, hansgrohe is focusing on enriching people's everyday lives and offering them more functionality and safety in their homes. Within the internationally active hansgrohe Group, the premium brand Hansgrohe manufactures, markets and distributes showers, shower systems, bathroom and kitchen faucets, and kitchen sinks.

### hansgrohe Pulsify



hansgrohe Pulsify - Maximum Shower Enjoyment, Even in Small Bathrooms

Shower experience in style: starting the day revitalized with a pleasant shower in the morning and leaving the stress of the day behind you with a gentle shower spray in the evening. Often this remains wishful thinking, with the reality looking completely different. Usually, there is not enough space and your own budget also quickly shatters any dreams of a luxury bathroom. However, hansgrohe Pulsify, a modern shower range, opens new possibilities for your daily shower at home. Equipped with the microfine PowderRain spray mode, a gentle rain is created under the hansgrohe Pulsify showerheads. Whether in a large family bathroom in your own home or in the tiny bathroom of your rented apartment, hansgrohe Pulsify offers the optimal, individual shower experience for every room, budget, and taste.

hansgrohe. Meet the beauty of water.

### hansgrohe Finoris



hansgrohe Finoris - the All-Rounder for the Washbasin

The dream of a bathroom wellness retreat doesn't usually become a reality. The everyday life of a family bathroom is usually something very different: personal hygiene, cleaning the room, and soaking laundry – the basin quickly becomes the hub of everyday activities. It's good if the right faucet can handle everything. For this purpose, the new hansgrohe Finoris faucet range with its "Flex" variant offers enough freedom of movement and makes those everyday chores easy. Quickly washing your hair directly in the basin is no longer a problem with the pull-out faucet head. And to top it all off, it makes the basin easy to rinse out. Buckets for cleaning and other tall receptacles are also filled in no time at all.

### AXOR One



THE ESSENCE OF SIMPLICITY

A collection of elegant archetypes for the wash basin, bathtub and shower, AXOR One is unified by a holistic design language of slender silhouettes, flat surfaces, soft corners and balanced proportions. The iconic faucets feature a gentle taper to their curved spouts, a subtle detail that signals exceptional quality of design and manufacturing. The minimalist design story continues with the wash basin mixers with lever handle. AXOR One wash basin mixers with lever handle maintain the minimalistic design language in an innovative way. A new M25XS cartridge makes possible the distinctive flat handle of the one-hole models, while the integrated aerator and slightly tapered spout reflect the collection's high standard of quality in design and production.



## HEMPEL (SINGAPORE) PTE. LTD.

- [www.hempel.com/en-sea](http://www.hempel.com/en-sea) [info.sg@hempel.com](mailto:info.sg@hempel.com)
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- 1A International Business Park Road #03-01, Singapore, 609933
- +65 67998383

Hempel is a Danish paint manufacturer with more than 100 years history that specialised in protective coating for the build environment industry. We have a wide array of corrosion protection and fire protection coatings for your projects requirements.

Hempel is fully owned by the Hempel Foundation, whose primary purpose is to maintain a solid financial and economic base for the Hempel Group. The secondary focus of the Foundation is philanthropic; sustaining our planet's biodiversity, supporting research into sustainable coating technology and empowering children living in poverty to learn through education.

### Hempacore One 43600

Hempacore One 43600 is a one component, solvent-borne, physically drying intumescent coating for passive fire protection of structural steel against cellulosic fires. It is suitable for in-shop and on-site applications. Hempacore One 43600 can be applied up to 1500 micron [60 mils] dry film thickness per coat. Tested and approved according to EN13381-8 and EN16623 for up to 120 minutes fire protection for structural steel in interior and exterior conditions, up to C4 conditions (ISO 12944-2). Suitable for open beams and columns and hollow sections.



### Hempafire Optima 500



Hempafire Optima 500 is a very low VOC, one-component water-borne acrylic thin film intumescent coating optimized for 120 minutes passive fire protection of structural steel against cellulosic fires. It has been tested up to 180 min according BS-476 20/21 and has ApplusFire third party certificate. Intumescent fire protection for structural steel suitable for I-beams, I-columns, hollow beams (RHS), hollow columns (CHS and RHS) and Cellular Beams. Suitable for structural steel exposed to internal environments up to C3 (ISO-12944).

### Avantguard



Avantguard is our innovative, award winning anti-corrosion technology. Proven to significantly reduce the effects of corrosion, the activated zinc in Avantguard gives you superior protection. Avantguard technology uses a new combination of zinc, hollow glass spheres and a proprietary activator. This activates the zinc, increasing its protective capabilities which reduces the effects of corrosion and offers advanced protection. Avantguard coatings also dry 33 per cent faster and remain easy to apply, even in high humidity and at different temperatures.



## HILTI FAREAST PTE LTD

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 80 Pasir Panjang Road, Mapletree Business City #16-83/84,  
Singapore, 117372

 +65 6777 7887

At Hilti, we build and design leading-edge products, software, and services that power the construction industry. Due to our uncompromising commitment to providing high-quality products and innovative solutions, industry professionals regard us as a long-term partner in raising standards in the construction industry. Serving our customers directly, we offer engineering solutions for Fire Protection, Anchor Systems, Post Installed Rebars & Direct Fastening Applications. Our strong portfolio and diverse team have set Hilti apart in both product and service offerings in Singapore's construction industry.



### Edge of Slab Quickseal

The industry's first preformed solution for edge of slab and curtain wall firestopping, the new CFS-EOS QuickSeal represents Hilti's leading innovation that is redefining the future of firestop safety.

- Easy, dry, and clean installation – no mineral wool fiber, spray or equipment required.
- Fast inspection – preformed firestop solutions may not require destructive testing
- Zero waste – controlled material cost / easy to bid
- Superior temperature ranges compared to traditional sprays and sealants
- Low VOC to meet owners sustainability requirements – LEED V4 and Living Building Challenge



### Composite Sheet

A stainless-steel composite sheet with intumescent layer for firestopping large openings containing cables, pipes and mixed penetrants when re-penetration is not required. Fast and easy to install, firestop composite sheet is also compatible with cable management devices such as Hilti's Speed Sleeve for medium- and low-voltage applications.

For use with fire-rated assemblies (up to 4 hrs)

- Compatible with Hilti sleeve devices for easy cable management
- Can be fastened using Hilti GX/BX tools – no need to drill or set anchors
- Multi-board systems allow very large openings
- Non-magnetic #304 stainless steel construction ensures good weatherability and no inductive loss in cables
- Fast installation system requires fewer anchors



### Firestop Speed Sleeve

A re-penetrable cable management device for electrical and telecom professionals. Suitable for small to medium-sized circular openings in walls, ceiling and floors.

- Functional and compliant when properly installed
- Twist-to-close mechanism - for easier and remote re-penetration while protecting cables
- Straightforward inspection - you can see if the sleeve is closed without having to check behind a covering fringe above the ceiling
- Superior smoke tightness and airflow control thanks to its twisting mechanism
- Smoke gaskets eliminate need for sealant or putty



## HUNTER DOUGLAS SINGAPORE PTE LTD

- ap.hunterdouglas.asia/sg/    wongyc@hunterdouglas.com.sg
- www.linkedin.com/in/yew-cho-wong-36524b1aa
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- 10 JALAN KILANG #08-01, Singapore, 159410
- +65 9832 8230

### Hunter Douglas, A World of Innovation

Business is people. At Hunter Douglas, we pride ourselves in our employees – a network of experienced, intelligent, passionate and creative men and women from over 100 countries who work together in a spirit of collaboration. Along with proven manufacturing process and material usage, that is what keeps Hunter Douglas at the forefront of innovation and design.

Founded in 1919, Hunter Douglas has been a home for innovators. Established by entrepreneurs, our culture is one of innovation and advancement that attracts the best and the brightest people. These innovations come from a team of over 17,000 talented people working in 100 countries. We consider their talents and skills to be the true strength of our organization.

Hunter Douglas Singapore was established in 1965, and we are a wholly owned subsidiary of the Hunter Douglas Group.

### Hunter Douglas Luxalon Aluminium Ceilings

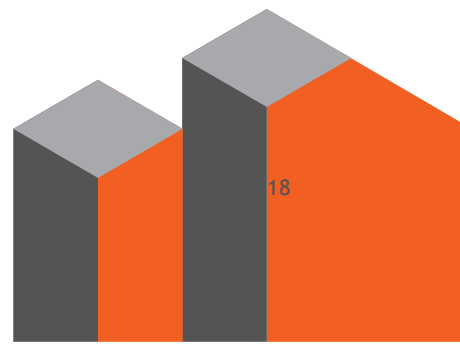


Hunter Douglas has a wide range of ceilings under the Luxalon brand. Our new Heartfelt ceilings has won the reddot award 2017, for the best product design. Wood veneer ceilings is another of our range of products that bring a natural feel to any project. With more than 50 years of innovation, we have a wide range of aluminium ceilings ranging from linear, wide panels to honeycomb ceilings. We have coatings that are for both interior and exterior usage.

### Luxalon Aluminium Sun Control and Facade System



Hunter Douglas range of Sun Control includes motorized louvres and shutters and our ventilated façade systems were developed more than 40 years using lightweight aircraft technology to create its distinctive Quadroclad system which encompasses a flat and durable panel with a coil coated aluminium skin that can be folded or curved to shape. We also have terracotta wall panels marketed under the brand name NBK.





## KNAUF PLASTERBOARD PTE. LTD. (FORMERLY KNOWN AS USG BORAL PTE. LTD.)

- [www.knaufapac.com/en\\_sg/](http://www.knaufapac.com/en_sg/) [contact-us.sg@knauf.com](mailto:contact-us.sg@knauf.com)
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- 78 Shenton Way , #27-01 , Singapore, 079120
- +65 62729272

In April 2021, USG Boral officially became part of the Knauf family, thus becoming one of the leading plasterboard manufacturers in the world. This strengthens the organisation's position in the building materials industry as a total system solution provider for wall and ceiling applications. With state-of-the-art technology, Knauf can serve all stakeholders with more customer-centric technical solutions and services, along with superior quality products and systems.

Today Knauf is one of the world's leading manufacturers with a portfolio comprising modern insulation materials, drylining systems, plasters and accessories, thermal insulation composite systems, floor screed, floor systems, and construction equipment and tools. The Knauf Group is one of the big players on the market covering Europe, the USA, South America, Russia, Asia, Africa, and Australia - operating with more than 250 production facilities and sales organisations in over 90 countries, 40,000 employees worldwide.

### Ensemble™ Seamless Acoustical Plasterboard Ceiling



The Ensemble™ Seamless Acoustical Plasterboard Ceiling is a new solution for an interior ceiling that combines the seamless look of plasterboard with the acoustic properties of tile-and-grid systems. Breakthrough innovations across core Knauf product technologies come together in one ceiling system to maximise NRC, CAC, and LR performance. The bright white finish or customised colours result in a monolithic appearance to eliminate distracting gridlines. Specify the Ensemble™ Seamless Acoustical Plasterboard Ceiling, and there is no longer a need to compromise aesthetics for acoustic performance in the spaces you create. The system is available in flat or curved concave or convex geometry with a minimum radius of 4000mm. Now Ensemble™ System offers clean, elegant aesthetics in any colour finish in the PANTONE® range with the sound performance you need. A perfect solution for lobbies, atria, galleries, corridors, conference rooms, educational and other spaces with multiple hard surfaces and ambient noise.

### SECUROCK® Glass-Mat Sheathing



Securock® Glass-mat Sheathing is a glass-mat board with enhanced gypsum core, a coated non-woven inorganic green front-facer and an uncoated inorganic green back-mat facer. It is a non-combustible, moisture- and mould-resistant high-performance board designed for wet areas, tile backing, and semi-exposed exterior ceiling and wall applications. The glass-mat facers repel water and feature square edges. Depending on wind load affecting the structure for exterior ceiling application, the Securock® Glass-mat Sheathing board can be supported by metal framing members designed to achieve deflection criteria of L/360. Refer to the submittal sheet for more information.

### Knauf Sheetrock® Firestop™



Knauf Sheetrock® Firestop™ Plasterboard is a high-performance fire-rated interior plasterboard with a fire-resistant gypsum core encased in 100% recycled face and back papers that form a high strength composite design. The panels have tapered long edges for easy finishing when used with Knauf's joint compounds. Knauf Sheetrock® Firestop™ Plasterboard Complies with international standards such as BS EN 520 or equivalent local standard for physical properties and BS 476 classification for non-combustibility. It is an extensive acoustic assembly for commercial projects (STC). Ideal for use in commercial or residential applications requiring fire protection.



### We are Kvadrat

Kvadrat was established in Denmark in 1968 and has deep roots in Scandinavia's world-famous design tradition. A leader in design innovation, Kvadrat produces high-performance, design textiles, rugs, window covering and acoustic solutions for both commercial and residential interiors.

Our products reflect our commitment to colour, quality, simplicity and innovation. We consistently push the aesthetic, technological and functional properties of textiles. In doing so, we collaborate with leading designers, architects and artists including: Patricia Urquiola, Ronan and Erwan Bouroullec, Margrethe Odgaard, Alfredo Häberli, Doshi Levien, Giulio Ridolfo, Peter Saville, Pipilotti Rist, Thomas Demand and Olafur Eliasson.

### Kvadrat Acoustics



#### Why Kvadrat Acoustics

Our solutions offer a wide variety of benefits that can accommodate your acoustic needs. Kvadrat Acoustics unique design ecosystem is combined with our market-leading 10 year warranty, offering a seamless integration into any space, assisted by a personalised support.

Any acoustic challenge, any design scheme, wall or ceiling solutions, a wish for custom shapes, our global team is there to assist you in designing the most optimal acoustic solution to support your needs and design vision. Kvadrat Acoustics solutions unite best-in-class longevity and expert service, covering every stage from initial technical support to installation.

Soft Cells panels by Kvadrat Acoustics are acoustic solutions that deliver up to Class A sound absorption. They can be mounted both on walls and ceilings. Available in a wide choice of Kvadrat textiles and fully customisable, they can be seamlessly integrated into any design scheme.

### Kvadrat Textiles



#### Designers

Working with the world's most talented designers, we continually push boundaries and explore the possibilities of textile design. Our products reflect the diverse skills and knowledge of our designers who come from the worlds of textiles, product and fashion design, architecture and art.

Amongst our collaborators are world renowned figures such as designers Peter Saville, Patricia Urquiola and Ronan and Erwan Bouroullec, architect David Adjaye, fashion designer Raf Simons, artist Thomas Demand, and many more.

### Kvadrat Shade Metallised Textiles











Create thermal and visual comfort through our metallised textiles

Kvadrat Shade metallised textiles offer a blend of functional and design excellence, which conventional textiles cannot match. They create visual comfort by providing control over glare and access to views, and thermal comfort by providing control over heat.

Some of the metallised textiles we offer can also be specified to elevate acoustic quality. They combine Kvadrat's expertise in design and innovation with Verosol's over 50 years' experience in developing performance textiles to deliver wide-ranging benefits.



## LAMITAK BY TAK PRODUCTS & SERVICES PTE LTD

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-  41 Sungei Kadut Avenue, Singapore, SG, 729665
-  +65 63661212

Established in 1989, TAK Product and Services Pte Ltd (TAK) is a driving force in the region lifestyle surfaces industry. The company key brand, Lamitak, which it wholly owns, is highly regarded by industry players and homeowners with its wide choice of high quality, high pressure laminates. Complementing Lamitak is another wholly-owned TAK brand, Newedge. Newedge offers matching edgebands for Lamitak laminates to realise a seamless finish. Headquartered in Singapore, with regional offices in Singapore, Malaysia, Thailand, China, Indonesia, Hong Kong, and distributors in Myanmar, Taiwan, Korea, Philippines, Australia, New Zealand, and the Maldives. Our presence is a solid testament for TAK competent export capabilities and all-encompassing industry know-how and experience.

Lamitak has achieved GREENGUARD GOLD, GREEN GUARD certification for indoor air quality and GREEN LABEL SINGAPORE certification for low emissions and low toxicity, making it an ideal choice for Residential, Hospitality and Commercial projects.

### Lamitak Exclusive Collection



The global pandemic has fundamentally changed the way we live and interact in spaces. As we spend an increasing amount of time at home, our priorities are now focused on creating holistic spaces for well-being and comfort, with an emphasis on sustainability. It is against the backdrop of these concerns that we conceived the Exclusive Collection.

The Lamitak Exclusive Collection is formed with five distinct laminate families with design possibilities – Repeatable, Protak, Solid Core, Bookmatched and artäk .

### Protak by Lamitak



The Protak high pressure laminates give you everything you want and need in a surfacing material. A wordplay on ‘protect’, the Protak collection was conceived as a solution-led approach for individuals who place particular importance on surface finishings and home wellness. Protak laminates deliver much-desired anti-fingerprint properties to leave surfaces unmarked by imprints and moisture.

They also act as protective surfaces for your family’s health, with built-in anti-bacterial and anti-fungal properties to ensure a healthy and hygienic home. Protak’s scratch-resistant and stain-resistant properties promise easy maintenance and enhanced durability. Their anti-glare property results in soft diffused reflections even in bright light conditions.

### Solid Core



Reach a new level of refinement with Lamitak’s Solid Core laminates. The laminate’s core is matched with the surface design to result in the minimised appearance of dark lines at the joint edges for seamless visuals and exceptional finishes. Now, two new designs, the concrete-inspired Gustave Béton Lgr Core, and stone-inspired Lucio Ercolano Wht Core, have been added to the existing Solid Core range which includes wood-inspired designs, and a solid colour in four finishes.

# INSPIRING SPACES

Wall Feature: Bryson Tobias Steel (DXN 4329M)



✦ A TAK Surfaces Lifestyle Brand



LE-GARDIEN (S) PTE LTD

## LE-GARDIEN (S) PTE LTD

- www.legardien.com    [kenneth@legardien.com](mailto:kenneth@legardien.com)
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- 2 Tuas South Avenue 2, #02-01 Tuas Vista, Singapore, 637601
- +65 68633633

Le-Gardien (S) Pte Ltd offers the right materials for a wide range of applications for architectural, design and system requirements. Since our inception on 16th May 1997, we have taken pride in providing our clients with competitive pricing, quality products and reliable services. Over the years we have gradually expanded our range of supplies of different materials. Our highly customised solutions meet the world's ever-increasing demand for performance and unique design. We are committed to providing these solutions with hands on project management, and extremely strict quality control measures through our production and packaging processes.

### Glass Panels



ECOY™ Glass Panels goes through strict processing standards and obtained certifications from countries like Australia AS/NZ, America ASTM and Singapore SS341.

Range of products:

- Float Glass
- Laminated Glass
- Insulated Glass
- Curved Glass
- Louver Glass
- Fire rated Glass
- Bullet resistant Glass
- Insulated Blinds Glass
- Magic Screen Glass
- Solar BPIV Glass

### Aluminium Panels



ECOY™ Aluminium panels have achieved a rating of Class 0 fire rating under certifications like BS476 Part 6 & 7 tested by TUV PSB.

Range of products:

- Aluminium Composite Panels
- Solid Aluminium Panels
- Honeycomb Panels

### Photovoltaic Glass




ECOY™ Photovoltaic Glass consists of Glass laminated with the latest Cadmium Telluride (CdTe) Thin film solar cells. This technology enhances any building's sustainability by efficiently generating electricity through solar radiation. Especially under low light conditions, CdTe technology provides a much better solar absorption as compared to traditional crystalline silicon cells.

Range of products:

- ECOY™ Photovoltaic Glass with transparency 10%
- ECOY™ Photovoltaic Glass with transparency 20%
- ECOY™ Photovoltaic Glass with transparency 50%



## M METAL PTE LTD

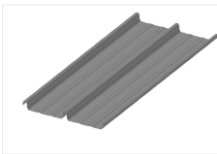
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-  +65 68989637  [lawrence\\_tang@mmetal.com.sg](mailto:lawrence_tang@mmetal.com.sg)
-  9 Tuas Avenue 2, Singapore, 639449

M Metal Pte Ltd, incorporated in 2007 and its principal activity then was to manufacture and supply galvanized high tensile C and Z purlins to the construction industry. Within short span of 4 years, in 2011 the Company expanded its products range to include galvanized structural steel structural decking and roll-forming of profiled roof/wall cladding in pre-painted metallic coated steel as well as in aluminium.

Again in 2018, the company further expansion to include affiliation with established and reputable companies such as Taiwan's Yieh Phui Enterprise Co. Ltd, Kalzip Asia Pte Ltd, BRUCHA and Fischer Profil GmbH to name a few.

Our product-range has been tested and met local and international standards with accreditations. We are certified with 4 ticks Green Marks in all our product solutions. We have a team with experience and dedicated people with good knowledge who can provide intelligent solutions from design stage to realization.

### M-Clipp 430



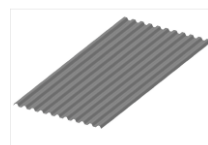
M-Clipp 430 is concealed clip fixed with interlocking-action rib design, together with smart fluted pans and concealed fastening, means that M-Clipp 430 can be used in a variety of applications including low-pitched roofs, vertical as well as horizontal ribbed walling. Unlike many similar roof system, M Clipp 430 is designed with wider effective cover width of 430mm for more efficient rainwater discharge.

Combined with durable paint finish from ColorLume® VF-20L PVDF 70/30, this paint finish is very durable against weathering and UV light which enhance colour retention for longer period.

### M-Span 925

M-Span 925 is cost effective and strong profiled roofing with effective cover width of 925mm. This consistently ribbed roofing makes it very pleasing for roof as well as cladding for high rise building.

M-Span trapezoidal profile unique feature is in its anti-capillary double groove at side laps. It is known for its light weight yet posses its high strength in performance as both in roof and wall applications.



### M-Seam 530/25



M-Seam 530/25 is an architectural standing seam roof with its sleek and aesthetically pleasing profiled in steel or in aluminium material.

M-Seam has its ability to be incorporated with acoustic as well as thermal insulated roof to meet Sound Transmission Class (STC) of 45 or 51 depending on sound insulation requirement.

Very suitable for residential and commercial project applications with high pitched roof to express its beauty.



## NS BLUESCOPE LYSAGHT SINGAPORE PTE LTD

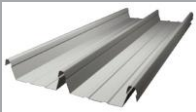
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- 18, Benoi Sector, Jurong Town, 629851 +65 62641577

Lysaght is the leading manufacturer for steel roof and wall cladding, metal decking, developed using Australian Technology, which is highly versatile and adaptable for different applications.

For over 50 years, our robust products and innovative solutions played a vital part in constructing iconic landmarks across Singapore. Our innovative and fit-for-purpose solutions aim to meet both the aesthetic and performance requirements of project owners, contractors, architects, and consultants. We're all about delivering a complete range of avant-garde steel solutions, made only using premium coated steel produced by BlueScope, for assured longer-lasting performance and aesthetics. From basic residential projects to large-scale industrial complexes, public buildings, or sports facilities, you can count on LYSAGHT® comprehensive range of building products and solutions designed specifically to meet every demand effectively.

Contact us today for any enquiries on steel solutions for your projects.

### LYSAGHT® KLIP-LOK® 406



LYSAGHT® KLIPLOK® 406 is designed to have an interlock action rib for positive concealed clip-fixing. The concealed fastening method enables its use on many applications from low pitched roofs to ribbed walling.

With its wide fluted pans and high ribs design, LYSAGHT® KLIPLOK® 406 disperse rainwater quickly and efficiently to the outer perimeters of the roof, thus making it an excellent choice for severe rainfall intensity areas in Asia.

Mounting solar panels on a LYSAGHT® metal roof is easy especially paired with LYSAGHT® KLIP-LOK® 406 profiles without penetration on the roofing sheets to minimize potentially premature failure of the roofing materials.

### LYSAGHT® ZIPDEK® 415

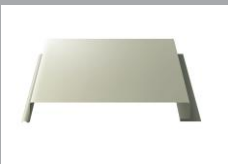


LYSAGHT® ZIPDEK® 415, with its high-ribbed standing seam roofing profile, is specifically created to meet the requirements and specifications of various building applications ranging from commercial, residential, and industrial constructions to other diverse applications such as stadiums, airports, and long span exhibition halls.

LYSAGHT® ZIPDEK® 415 profile has many benefits in addition to the extensive architectural possibilities: a specially designed concealed clip system requires no through fasteners which provide excellent weather-tightness. It is also Solar system compatible where the Solar PV can be mounted to the ribs without penetration.

Architects and designers can safely specify the LYSAGHT® ZIPDEK® profile as the product has been fully tested by Products Innovation Centre in Singapore and is supported by BlueScope Lysaght technical team.

### LYSAGHT® X-VERGE™



The Seamless, Sleek & Sophisticated wall panel reopens the geometric possibilities of the façade design with its smooth sweeping planes.

Perfect For Modern & Minimalist design, LYSAGHT® X-VERGE™ customizable length makes it an ideal choice for exterior & interior walls, ceiling, soffit, and fascia applications. This concealed-fixed system offers excellent weather-tightness, uninterrupted by any fastener piercings. It is also versatile for both vertical and horizontal applications.

Polygan Design is a one-stop solution for all your door requirements.

These consists of doors in timber, steel or glass, with highly customisable options equipped with accessories ranging from concealed closers to digital door locks. We also provide solutions towards concealment of doors, resulting in a presentable outlook without compromising utility or safety.

Our fire-rated doors are certified to BS EN 1634-1 (SS:332-2018 for Singapore) standards.

We have also successfully tested our doors for acoustic values from STC 35 to as high as STC 56 (Sound Transmission Class).

### Fire-Rated Concealed Door Systems

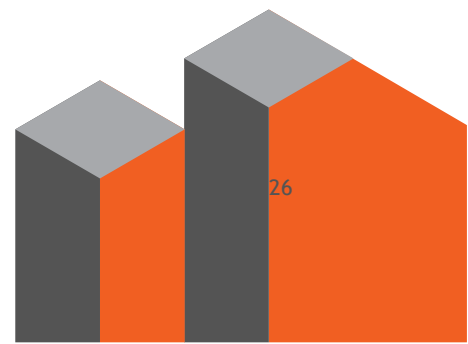


Fire-rated doors that can be replicated onto timber, steel or glass. In addition, these doors can hold acoustic values to minimize noise.

### Fire-Rated Concealed Door Systems



Fire-rated doors that can be replicated onto timber, steel or glass. In addition, these doors can hold acoustic values to minimize noise.





## ROCKFON (ROCKWOOL BUILDING MATERIALS (S) PTE LTD)

- en.rockfon.international
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- facebook.com/RockfonOfficial
- Rockfon\_Official
- youtube.com/RockfonOfficial
- linkedin.com/company/Rockfon-as
- 7 Tuas Avenue 1, Jurong Town, Singapore, 639492
- +65 65770344

We are Rockfon. The world's leading acoustic company. Every day we're inspired to innovate with sound solutions that help people, think, rest and enjoy life more. When we set out to create the most effective acoustic solutions on Earth we started with people. The student struggling to hear. The businessperson is trying to concentrate. The couple wanting an intimate conversation over dinner out. Focusing on their wellbeing inspired our beautiful range of colours and styles, so now places that sound great, can also be uplifting, calming or inspiring. And it expanded our vision to create fire safe, hygienic, and even light reflecting solutions for healthier, happier workspaces.

### Rockfon® Mono® Acoustic



A unique design solution for new build or renovation projects alike. Perfect for ceilings and walls, the innovative monolithic surface delivers outstanding acoustic comfort. The refined white surface provides high light reflection and light diffusion, ensuring even light distribution and reducing the need for artificial light.

### Rockfon Blanka®

Rockfon Blanka offers the best in class acoustics, combined with a super white surface that has high light reflection and light diffusion properties, creates a comfortable indoor environment with exceptional acoustics. In fact, the surface draws natural light 11% further into space than many other ceilings. The range also comes in thicknesses of up to 40mm, which is ideal for controlling noise in high activity spaces.



### Rockfon Color-all®



Rockfon coloured ceilings and wall solutions don't just reduce the noise; they also help create unique spaces. The range comes in 34 exclusive colours, and that inspire and enhance your interior design.

- Choose from everything from subtle to bold long-lasting colours
- An extensive range of semi-concealed and concealed edges in a large variety of module sizes
- Bring a splash of colour to the walls and set the tone for the classroom and make your design stand out





## ROCKWOOL BUILDING MATERIALS (SINGAPORE) PTE LTD

- 🌐 [go.rockwool.com](http://go.rockwool.com)
- ✉ [senquiry@rockwool.com](mailto:senquiry@rockwool.com)
- f [www.facebook.com/rockwoolasia](https://www.facebook.com/rockwoolasia)
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- 🏠 No.7 Tuas Avenue 1, Jurong Town, Singapore 639492
- ☎ +65 6861 4722

### Singapore Trusted Insulation Provider

We are committed enriching the lives of everyone who comes into contact with our solutions. By using stone, one the world most abundant natural resources which can make a lasting impact across generation. ROCKWOOL Singapore makes and supplies sustainable insulation products for construction and process industries based on innovation stone wool and technology. Our products have being installed in domestic, commercial and industrial buildings of all types.

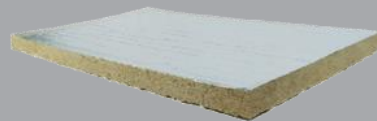
### ROCKWOOL Safe 'n' Silent Pro

ROCKWOOL Safe 'n' Silent Pro - Stone wool insulation material for partition and ceiling application. Premium quality insulation will enhance acoustic performance and fire resistance effectively



### ROCKWOOL Cool 'n' Comfort

ROCKWOOL Cool 'n' Comfort - Stone wool insulation material for metal roofing system. Effective and durable roof insulation increases the energy efficiency of residential and commercial properties.



### ROCKWOOL Concrete Soffit System

ROCKWOOL Concrete Soffit System - Stone wool insulation for concrete soffit to prevent condensation. Simple yet effective solution to reduce energy loss through thermal transmission, prevent condensation from occurring between temperature difference areas such as data center, server room.






## SERGE FERRARI GROUP


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 38C Circular Road, Singapore, 049394

 +65 97268551

Serge Ferrari Group designs, develops and manufactures innovative composite materials for lightweight architecture and outdoor equipment applications. Targeted primarily at four worldwide strategic markets – solar protection, tensile architecture, modular structures, furniture/yachting –, our high-end solutions combine durability, safety, aesthetics, comfort and sustainability. The Group's strong potential for product development and innovation regularly opens up new construction and equipment applications, ranging from everyday life to the most spectacular projects.

### STFE



Structural and transparent innovative skin for building envelope.

#### Structural strength

The polyarylate mesh provides structural strength for large free span and minimizes secondary structure. Easier installation and reduced environmental impact.

#### Transparency

As a building skin, STFE disappears and becomes transparent to leave room to the horizon.

#### Light transmission

50% light transmission - Natural light and sun glass effect for user's comfort and to enable plant growth thanks to UV.

### Frontside View 381



Frontside meshes are an excellent option for an attractive façade cover, offering a number of benefits: thermal protection, visual comfort, transparency, durability. Their lightweight, combined with excellent robustness, enables use on all types of façade in both new-build and renovation projects.

**Thermal protection**  
blocks up to 81% of the sun's heat

**Durable resistance**  
resistant to the effects of weather (wind, hail, UV)

### Soltis Veozip



Enjoy the shade and keep your view.

Soltis Veozip is the ideal fabric for enjoying your outdoor view due to its unmatched transparency. Its matt, woven aspect will embody your terrace's warm, elegant design.

As a facade awning, the Soltis Veozip enables you to make the most of natural light while also benefiting from optimal thermal characteristics.

As an effective extension of your living space, your pergola equipped with Soltis Veozip creates a real cocoon outside.

You'll fully enjoy your fun times sheltered from the wind and heat, while remaining within your outdoor environment.



## SIGNIFY SINGAPORE PTE LTD

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- 622, Lorong 1, Toa Payoh, Singapore, 319768
- +65 91263644

Signify is the world leader in lighting for professionals and consumers and lighting for the Internet of Things. Our Philips products, Interact connected lighting systems and data-enabled services, deliver business value and transform life in homes, buildings and public spaces. With 2021 sales of EUR 6.9 billion, we have approximately 37,000 employees and are present in over 70 countries. We unlock the extraordinary potential of light for brighter lives and a better world. We achieved carbon neutrality in 2020.

Signify is the new company name of Philips Lighting. We are the world leader in lighting and provide our customers with high-quality, energy-efficient lighting products, systems and services. We turn light sources into points of data to connect more devices, places and people through light, contributing to a safer, more productive and smarter world.

### NatureConnect



NatureConnect brings the benefits of natural light indoors.

Daylight is something so natural, that often we do not even realize how important it is to us. The exposure to the right amounts of light during the day, as well as the colors and dynamics from nature, strongly impact our mood, energy levels, comfort, quality of sleep and our health and wellbeing in general. On average we spend more than 90% of our time indoors, where we do not get the right amount and quality of light to feel energized and healthy.

The NatureConnect lighting innovation by Signify is built on proven Biophilic Design principles to reconnect us to the outside world. It mimics the natural patterns of daylight to create comfortable, engaging and attractive indoor environments.

### Luminous Textile Panels



High-quality interior panels with dynamic color-changing lighting effects

Soft content, soft sound, and soft touch. Color Kinetics Luminous Textile enables you to create meaningful spaces that enhance the atmosphere and improve acoustics.

Luminous Textile is a configurable, high-quality, and unique lighting system that integrates multi-colored LEDs seamlessly within beautiful fabric panels that also soften sound. You'll have endless ways to play with color, movement, texture, and light, to express emotion, make a design statement, and bring spaces to life.

The panels are finished with Kvadrat textiles, using the Kvadrat Soft Cells patented technology to maintain constant tension on the fabric within the aluminium frame. With a choice of rich colors and high quality textiles the panels continue to enhance a space even when the dynamic content has been switched off.

### Colorkinetics



Color Kinetics delivers a wide range of high-performance professional LED lighting systems – empowering lighting professionals around the world to achieve their unique visions.

We are trusted to light the world's most iconic structures. We have institutional knowledge and unparalleled experience in the most demanding projects: from office buildings, stylish retail and hospitality interiors to bridges and public squares. From our experience and deep connections with lighting professionals, we design and develop innovative solutions that meet the evolving and expanding needs of the lighting industry. We light the way!



## SYNERGRAPHIC DESIGN

- [www.synergraphic.com.sg/](http://www.synergraphic.com.sg/) [sales@synergraphic.com.sg](mailto:sales@synergraphic.com.sg)
- [www.youtube.com/user/SynergraphicDesign](https://www.youtube.com/user/SynergraphicDesign)
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- 10 Changi South 486788, Street 1, Singapore, 486788
- +65 65464133

Synergraphic is a premier art+design studio that provides interior and architectural art glass solutions, bespoke lighting, installations, sculptures, features and murals, for indoor and outdoor spaces; and supplies standard finishes, materials and glass elements to achieve excellent design concepts. Our services include consultancy, art and design, prototyping, sourcing, installation, and customization. We continuously innovate and find new means to increase the value of all kinds of spaces through glass and art. Synergraphic is firmly dedicated to “The Art of Glass and All Things Beautiful”, and is the ideal partner for architects, designers and artists seeking to turn their visions into reality.



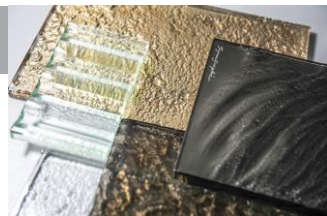
### Glass Bricks

These bricks can be stacked in their modular units into indoor or outdoor features such as glass lighting columns, reception counters, partitions, walls and more. Featured types of bricks include Faceted Bricks, Polished Bricks, Organic Bricks and Clean Bricks.



### LamiArt

LamiArt is simply art laminated in glass. It provides endless design possibilities through a wide range of interlayers: metals, fabric, wood veneers, prints, colors and more. These substrates are sealed between two layers of glass to accentuate their textures and colors, creating a sense of depth and elegance that endures. Featured collections under LamiArt include Weave Series, Royal Series and Luxe Series.



### Kilnformed Glass

Kilnformed glass is created using a warm glass working technique, which produces a variation of textures and patterns while the glass is warm and malleable. Our range of kilnformed glass designs are suitable for partitions, furniture, feature walls and can be tiled or used as an entire panel. These can also be a canvas for additional paintwork in transparent, opaque, metallic or metalized colors.



## TWO NINE SIX O TRADING PTE LTD

- [www.t2960.com.sg](http://www.t2960.com.sg) [contact@t2960.com.sg](mailto:contact@t2960.com.sg)
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A leading specialty building material supplier who provides performance products and engineering solutions to every problem. Specialize in facade industry, passive fire-stop solution, building expansion joints and performance coating. Well recognized by the industry for our technical expertise and logistic support, we move into regional and continue to serve Vietnam, Indonesia, Philippines, Thailand, Malaysia, and a lot more countries.



### GE Silicones - Construction Sealant & Performance Coating

The GE Silicones brand is a global industry leader in silicone for building - comprising high quality sealants and coatings that are extending the life and enhancing the performance of all kinds of buildings, all over the world.

### SPECIFIED TECHNOLOGIES INC. [STI] - Passive Fire-Stop Solutions



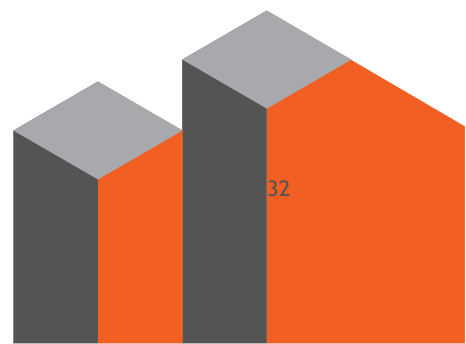
Specified Technologies Inc. [STI] is an industry leader in developing innovative fire protection solutions and systems, that help stop the spread of fire, smoke, and hot gases.

For more than 30 years, our team has worked hand in hand with the construction industry to create simple solutions to complex fire-stopping problems.

### GV2 VEDA FRANCE - Building Expansion Joint Systems



Two Nine Six O and GV2 VEDA France share the same belief in achieving Aesthetic Appeal with our Engineered Joints Systems. Engage with our Design & Technical Team for a solution to various joint configurations. Expansion Joint is a mid-structure separation designed to relieve stress on building materials caused by building movement, induced by thermal expansion & construction, caused by temperature changes, swayed by wind and seismic events.





## TESVILA PTE LTD

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- ☎️ +65 9692 1970 ✉️ [sales@tesvila.com.sg](mailto:sales@tesvila.com.sg)
- 🏠 4001 Ang Mo Kio Industrial Park 1 #01-09, Singapore 569622

Tesvila is a public toilet hand dryer End-to-End solution provider. We deliver a complete functional solution from upgrading of the existing hand dryers in a shopping mall etc. to integrating our hand drying solution into a new commercial project.

Unlike a conventional hand dryer manufacturer which sell only the hardware, we see a project through from beginning to end and supply everything needed to create a workable solution. On top of that, we provide a comprehensive maintenance to every hand dryer for the full 5 years inclusive of labour and parts.

Our public toilet End-to-End solution also extend to other product range like the ultra-durable flushing WC and urinal etc.



### Applications:

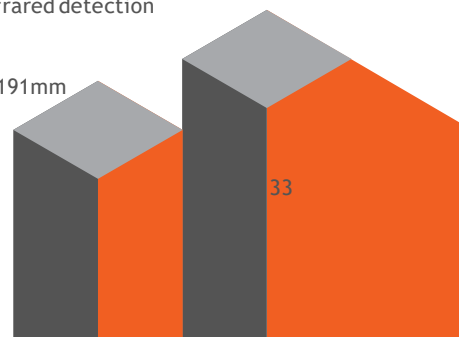
- Major transport hub like airport
- Shopping mall
- School
- Office
- Restaurant
- Hotel, hospital, F&B factories etc.

### Overview:

- Dual-function basin and hand dryer in one
- Sensor, Touch-Free operation
- Designed for high volume usage up to 300 cycles per day, 105,500 per year
- With 5 years comprehensive warranty

### Specifications:

- Sound level : 78 dB, 82dB, 83dB, 86 dB
- 4-mode airflow : 16m/s, 40m/s, 50m/s, 90m/s
- Dry Times : 10s, 12s, 15s, 19s
- Operating rated power : 800-1,350W
- Heating element : 650W
- Tap material : 304 Stainless steels, Brass Chrome or powder coated
- Voltage : 230v
- Standby power : 1w
- Air temperature : Room or 40°C
- Operation Time out : 45s
- Activation : Automatic Infrared detection
- Sensing distance : 80-120mm
- Net Weight : 5.9kg
- Motor Enclosure : 315 x 216 x 191mm
- Motor Enclosure Ingress Rating : IP24
- Motor Enclosure material : ABS





## TRIFLEX ASIA PTE LTD

- [www.triflex.sg](http://www.triflex.sg)   [triflex.asia@triflex.com](mailto:triflex.asia@triflex.com)   [triflex\\_de](https://www.instagram.com/triflex_de)
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- 31 Rochester Drive #24-28 Park Avenue Rochester, Singapore, 138637
- +65 68088708

As Europe's leading specialist for PMMA liquid applied waterproofing, there is one thing we have learned in the past 40 years: having an outstanding product is not enough to solve problems permanently. As a family company, we always solve problems together. Our advisers and application engineers work with contractors and planners throughout the project, we deliver to site on schedule and offer comprehensive advice on all technical issues. Because we are only satisfied when you are.

### Triflex ProTect



- ROOF
- CANOPY
- BALCONY
- WALKWAY
- TERRACES
- PARKING
- TERRACE GARDEN
- MAINTENANCE

ROOF. CANOPY. BALCONY. WALKWAY. TERRACES. PARKING. TERRACES GARDEN MAINTENANCE

Looking for 25 years durability on your building envelope?

- Triflex is your perfect partner for all Waterproofing, Trafficable Flooring, Coating related topics in every stage of the project
- Consultation with architects and engineers during the design and planning phase to identify weak points.
- Site surveys to provide verified reports and professional advice
- Providing the most efficient solution before it becomes a problem whether new projects or refurbishment

### Triflex ProDetails

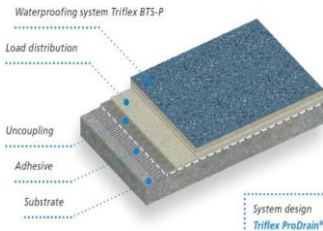


#### ACTIVITIES

- ① Roof
- ② Parkings
- ③ Garden Roof
- ④ Green Wall
- ⑤ Marquages
- ⑥ Balcony
- ⑦ Terraces
- ⑧ Bridges
- ⑨ Stairs
- ⑩ Deck
- ⑪ Water Pond

- Seamless customised and long-lasting solution for all waterproofing requirements
- Fast-curing and rain-proof in 30 minutes
- Can be applied at temperatures down to up to 40 °C
- Excellent adhesion properties on a multitude of substrates
- Solvent-free
- Can be used on any structure with complex geometry
- 25 years Durability
- Cold application without a flame on wooden frames and plastic sections
- Extremely weather-resistant (UV, IR, etc.) and no yellowing
- Hydrolysis and alkali resistant
- Root-resistant according to FLL test methods
- Chemically resistant to liquid manure, slurry, silage effluent and much more
- Elastic and crack-bridging
- Mechanically strong and wear-resistant
- Heat resistant up to +250 °C for use as splash water protection under mastic asphalt

### Triflex ProDrain





## VIEGA SOUTH EAST ASIA PTE LTD

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- https://www.facebook.com/VIEGA-South-East-Asia
- www.linkedin.com/company/viegasea
- +65 65601612    howard.tan@viega.sg
- 28 Sin Ming Lane, Midview City #03-146, Singapore, 573972

"Connected in quality, and installing lifelines for the buildings of tomorrow".

VIEGA- a brand synonymous with quality. German made with the latest technology. Founded 120 years ago & headquartered in Germany Attendorn, with its global office for SEA in Singapore.

A bespoke leader in prewall technology (concealed cistern), piping technology (drinking water system), and drainage technology (shower channels). VIEGA South East Asia is also able to support your requirements in these countries - Malaysia, Vietnam, Thailand, Philippines, Indonesia, Taiwan and Korea.

### Pre Wall Technology (Concealed Cistern & Flush Plate) "Pre Vista" / "Visign series"

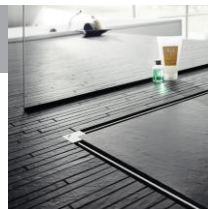


Viega's "Prevista"- the new generation of pre wall technology (concealed cistern). Easy installation and maximum design freedom. It saves on installation time and offers project owners an optimum level of productivity!

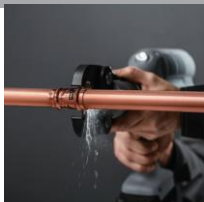
Viega's "Visign" series- bespoke flush plates ranging from manual flushing, to programmable and touchless flushing.

### Drainage technology (Shower Channel)- "Vario"

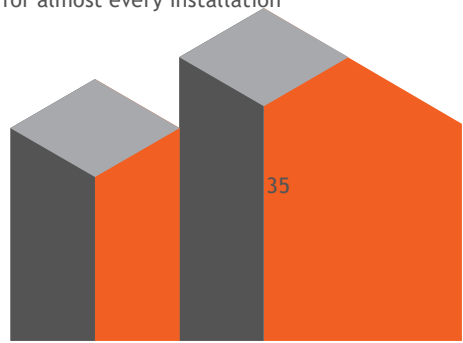
The bathroom is a place of well being. The demands of users are high with individual styling, and plenty of space for individual's design ideas. The "Vario" shower channel offers just that- high end bathroom styling and freedom of design. Quick and easy to install and adapt to every bathroom requirements.



### Piping technology- "Pexfit Pro"



A system made to suit your needs. "Pexfit Pro" pipe are flexible, durable and reliable as you expect them to be. In combination with the new press connectors made of Polyphenylsulfone (PPSU), and tried and tested VIEGA gunmetal connectors, they are suitable for almost every installation in the house.







AkzoNobel



# WEATHERSHIELD™ EXPRESS



HIGHER  
EFFICIENCY  
IS CRITICAL  
FOR YOUR  
BUSINESS



\* Based on field test done in Indonesia by Cimigo, an independent research agency.

NORMAL EXTERIOR SYSTEM  
3 Coats

WeatherShield™ EXPRESS  
2 Coats



VS



5-YEAR PERFORMANCE  
WARRANTY  
Same product warran% as  
3-coat WeatherShield system

5 Years Performance  
**WARRANTY**

\*Disclaimer:

Compliant with SS345 and SS579

All claims mentioned are subject to compliance with conditions maintained in Product Data Sheet

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SINGAPORE



GREEN  
BUILDING  
PRODUCT  
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LEADER

CONTACT US

Akzo Nobel Paints (Singapore) Pte Ltd  
3 Changi Business Park Vista, #06-01, Singapore 486051  
www.duluxprofessional.com.sg Contact No: +65 6265 0677

