

Kasangga Anumang Panahon



041-081

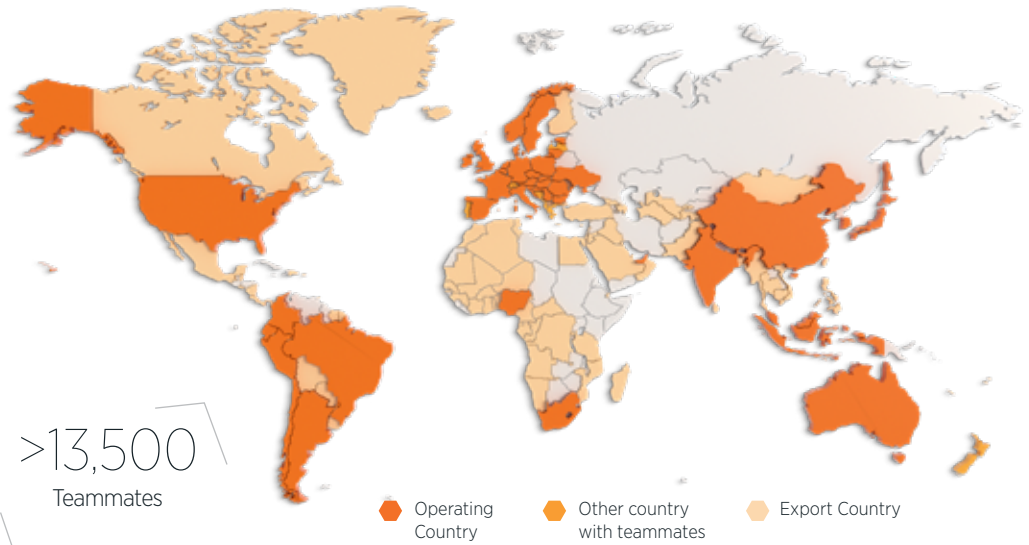


HKGLS Code No.
GL-008-011
Certification No. HK02262



European
Technology





Strong manufacturing
Global footprint

>160 Sites: plants, quarries, offices. 45 Operating countries >13,500 Teammates

Our main Commercial Brands

Fibre cement



Gypsum



Passive fire protection



Insulation



A Legacy of Progress

With more than 120 years of innovation and expertise, we continue to set the standard for quality and excellence in fibre cement solutions.



1905

In 1905, Alphonse Emsens embarked on a visionary journey that would shape the construction landscape. Inspired by Austrian industrialist Ludwig Hatscheck, he founded the fibre cement factory near Brussels. This humble beginning would mark the start of a transformative story.



1981

In 1981 Etex teamed up with the German passive fire protection expert: Promat and ceramic tile innovators Ceramica San Lorenzo in Argentina resulting in a welcome addition to the product segment: ceramic tiles for floors and walls.



2011

In 2011, as the result of major acquisition, the plasterboard brand Siniat was born, enabling Etex to play a role in the dry construction market.



2022

Etex continues its focus on sustainable solutions with the acquisition of insulation expert URSA, adding a fifth technology to its portfolio to address climate warming and resource scarcity challenges.

Etex Indonesia

Founded in 1971, PT Etex Building Performance Indonesia has established itself as a leading player in the building materials industry, leveraging over 50 years of local expertise and 120 years of fiber cement excellence globally.

The company operates two state-of-the-art manufacturing plants in Gresik, East Java, and Karawang, West Java, specializing in innovative, high-quality solutions for lightweight construction systems.

Both facilities produce **KALSI®** fiber cement boards using cutting-edge European technology for production and finishing. Etex products are renowned for their safety, durability, quality, and commitment to sustainability. As a pioneer of asbestos-free building board technology in Indonesia, KALSI® boards are manufactured entirely without asbestos fibers, ensuring they are safe for health.

Etex products are trusted by building material professionals across Indonesia and in international markets, embodying a legacy of excellence and innovation.



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Eaves / Soffit

Cladding / Plank

Floor decking





Roof underlay

Ceiling

Partition / Wet area

Lightweight Floor

Shell wall

Backed by 120 years of global fibre cement expertise, Kalsi® is a trusted name in product innovation, advanced technology, and manufacturing excellence. Our fibre cement boards are engineered for superior durability and dimensional stability, delivering long-lasting performance across diverse building applications. Manufactured with precision, Kalsi® fibre cement boards are designed to withstand diverse environmental conditions while offering exceptional strength and reliability. As a durable and high-performance alternative to wood, concrete, and masonry, Kalsi® provides the ideal solution for modern lightweight construction. With a commitment to innovation and sustainability, Kalsi® enables efficient project completion, cost-effective solutions, and enhanced design flexibility, redefining the future of construction.

Physical and mechanical properties

	Value	Standard
Dimensional conformity		
• Thickness		
• Length	Level II	ISO 8336
• Width	(Pass)	
• Straightness of edges		
• Squareness of edges		
Density	≥1250 kg/m ³	ISO 8336
Moisture content	10 - 15%	ASTM C1185
Water absorption	33±2%	ASTM C1186
Moisture movement	≤0.04%	ISO 8336
Water permeability	Pass	ISO 8336
Thermal conductivity	0.25 W/mK	ASTM C518
Modulus of rupture		
Category A (saturated condition)	≥7MPa	ISO 8336
Category C (ambient condition)	≥10MPa	

Durability

Warm water performance	Pass	ISO 8336
Soak-dry performance (category A)	Pass	ISO 8336
Freeze-thaw performance (category A)	Pass	ISO 8336
Heat-rain performance (category A)	Pass	ISO 8336

Reaction to fire

Non-combustibility	Non-combustible	BS 476 Part 4: 1970
Surface spread of flame	Class I	BS 476 Part 7: 1997
Fire propagation index	I = 2.3 i(1) = 2.1 i(2) = 0.1 i(3) = 0.1	BS 476 Part 6: 1989
Fire classification using test data from reaction to fire test	Class A1	EN13501-1: 2007 + A1: 2009

Note: If certain properties are critical for any particular application, it is advisable to consult the Kalsi Technical Staff for more information.

The properties in above table are mean values provided for informational purposes only.

Kalsi® is the perfect balance of resistance, durability, and functionality.



Flat finish



Weather-resistant



Impact-resistant



Correct thickness



Asbestos free



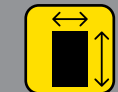
Resistant to the attack of termites, insects and other vermin



Moist, mould and water-resistant



Wide variety of thicknesses and applications



Dimensionally stable



Easy to work and install



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Board Finishes

Surface finishes

Kalsi® fibre cement boards are available with different surface finishing to enhance their overall performance, installation process and aesthetic appearance.



Standard:

The standard surface of Kalsi® fibre cement boards is smooth and off-white in colour, making it appropriate for typical applications.



Wood grain:

The wooden pattern comes in attractive textures that can be enhanced by a wide range of modern architectural finishes.

Edge Finishes

Kalsi® fibre cement boards come with squared or recessed edges to achieve expressed or flushed joint solutions.



Square cut:

Standard for board edges which are cut at 90°. Ideal in expressed joint cladding.



Recessed edges:

Boards recessed on two or four edges further complement invisible joint treatment for smooth and levelled finishes of ceilings and partitions.



Bobocabin Kintamani, Bali

KalsiPlank™

KalsiPlank™: The Perfect Blend of Style and Durability for Your Home

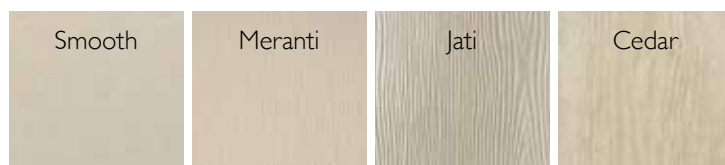
KalsiPlank™ is a versatile fibre cement siding designed to elevate residential cladding and external siding applications. Engineered for simplicity and convenience, it's easy to cut, nail, and drill, offering a practical solution that ensures long-lasting protection. Unlike traditional wooden materials, KalsiPlank™ stands strong against humidity, eliminating concerns about warping or decay.

Choose from four stunning surface finishes—Smooth, Meranti, Jati and Cedar—to bring your design vision to life. Each texture adds a unique charm, allowing you to customize your exterior with elegance and personality.

With two distinct installation options, Overlapped Siding and Interlocking Siding, KalsiPlank™ provides flexibility to achieve the aesthetic you desire. Whether you prefer the timeless appeal of overlapped planks or the clean, modern look of interlocking planks, each method offers a unique visual effect, ensuring your home stands out with style.

KalsiPlank™: The stylish, durable, and worry-free choice for modern living.

Surface finishes



BENEFITS

- Resistant to the attack of termites, insects and other vermin
- Moist, mould and water-resistant
- Dimensionally stable
- Easy to work and install
- Non-combustible
- Does not rot/decay
- Formaldehyde-free
- Durable & weather-resistant

OTHER APPLICATION

Fencing, soffit, eaves lining, fascia etc



Housing project in Indonesia



Bobocabin Kintamani, Bali



Lodging Tawangmangu

KalsiPlank™ Overlapped Siding Dimensions

	Thickness (mm)	Width (mm)	Length (mm)	Weight (kg)
KalsiPlank™ Cedar	7.5	200	3600	7.7
	7.5	300	3600	11.6

Other dimensions available upon request. Weight is based on nominal density plus expected variations due to humidity and other factors.

KalsiPlank™ with beauty, strength and flexibility is inspired by natural wood from Nusantara, Indonesia.



Brigif Jagakarsa Reservoir, Jakarta

KalsiDeck™

KalsiDeck™: The Superior Alternative to Traditional Timber Decking

KalsiDeck™ is the ideal replacement for traditional timber decking, offering the perfect combination of natural wood texture and the durability of a fibre cement matrix. Designed for both interior and exterior areas, as well as staircase applications, KalsiDeck™ delivers exceptional performance without the challenges of maintaining real wood.

Available in two distinct designs, KalsiDeck™ provides versatility and style to suit your project needs.

KalsiDeck™ Meranti KalsiDeck™ Meranti-VL

Surface finishes

Meranti



Meranti-VL



BENEFITS

- Resistant to the attack of termites, insects and other vermin
- Moist, mould and water-resistant
- Impact-resistant
- Dimensionally stable
- Non-combustible
- Does not rot/decay
- Formaldehyde-free
- Durable & weather-resistant
- Does not swell



Taman Mini Indonesia Indah



Shangri-La Hotel, Bali



Floating Dock Angke River Estuary, Jakarta

KalsiDeck™ Standard Dimensions

	Thickness (mm)	Width (mm)	Length (mm)	Weight (kg)
KalsiDeck™ Meranti	20	200	2400	13.7
KalsiDeck™ Meranti-VL				

Weight is based on nominal density plus expected variations due to humidity and other factors.

KalsiDeck™ delivers the beauty of wood, hassle-free and resistant to humidity.



KalsiGroove™

KalsiGroove™: Aesthetic Meets Durable Fibre Cement Performance

KalsiGroove™ is a 7.5mm thick decorative fibre cement board featuring 2.5mm deep, 5mm wide V-shaped grooves at 100mm intervals, replicating classic tongue-and-groove panelling.

Perfect for high-traffic or humid interior wall applications, KalsiGroove™ combines form and function for demanding spaces.

Surface finishes



BENEFITS

- Resistant to the attack of termites, insects and other vermin
- Moist, mould and water-resistant
- Wide variety of thicknesses and applications
- Impact-resistant
- Dimensionally stable
- Easy to work and install

Bobocabin Kintamani, Bali



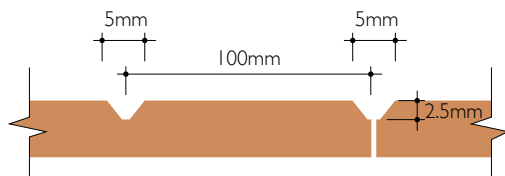
Bobocabin Sukawana, Bandung



KalsiGroove™ Standard Dimensions

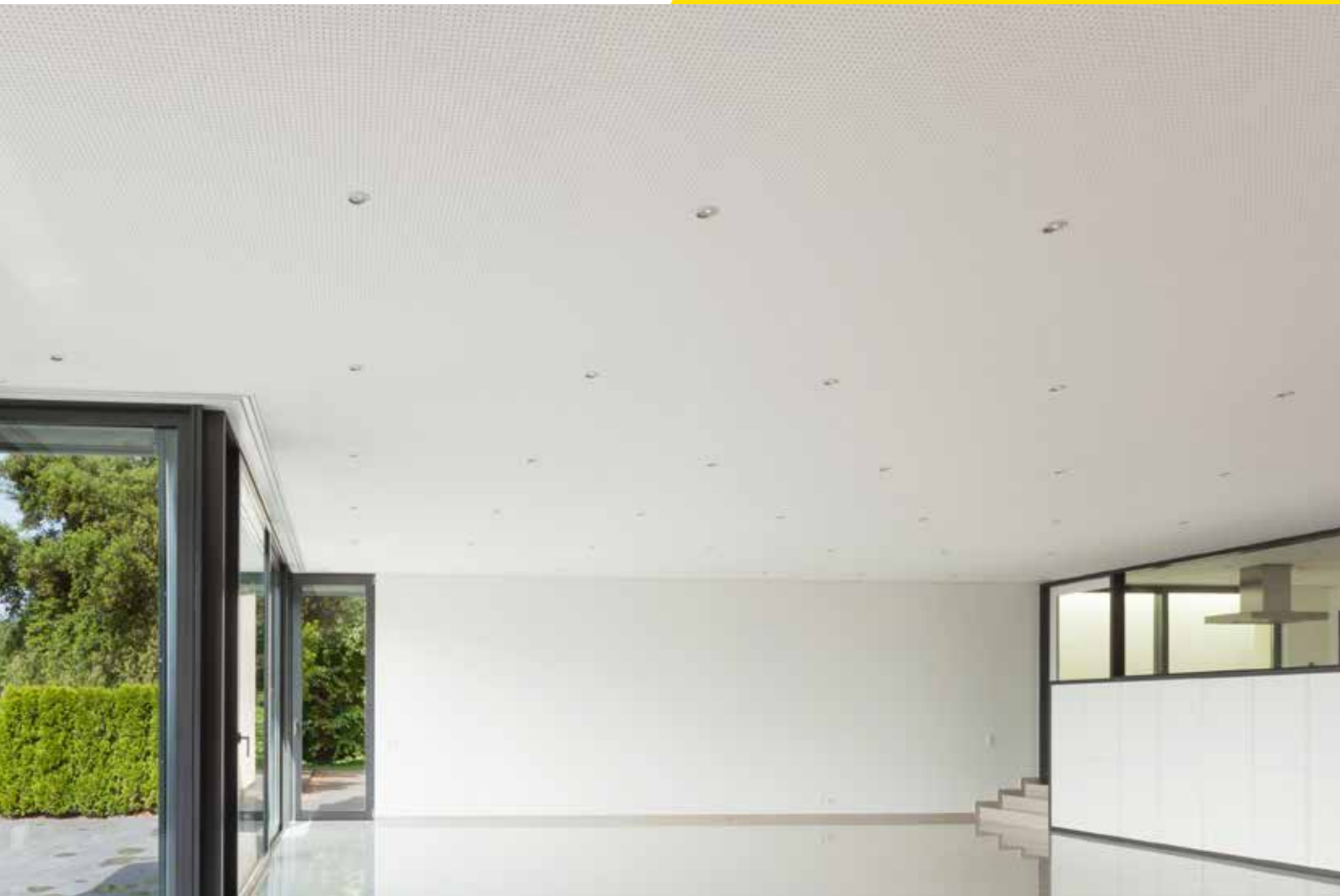
Thickness (mm)	Width (mm)	Length (mm)	Weight per sheet (kg)
7.5	1220	2440	31.70

Other dimensions available upon request. Weight is based on nominal density plus expected variations due to humidity and other factors.



KalsiGroove™ profile

KalsiGroove™ is designed to replicate the classic look of traditional tongue-and-groove panelling.



KalsiCeiling™

KalsiCeiling™: The Flexible and Durable Fibre Cement Solution for Ceilings

KalsiCeiling™ is a lightweight yet durable fibre cement sheet, expertly designed for ceiling applications in both dry and wet areas. Engineered for exceptional dimensional stability, it delivers long-lasting performance and reliability.

Available in thicknesses of 3.2mm, 3.5mm, 4.5mm, and 6mm, KalsiCeiling™ can be easily nailed to timber frames or screwed to steel frames. Installation offers flexibility—sheet joints can remain open, be covered with wooden or metal joiners, or flushed using KalsiJoint Compound or other compatible products.

KalsiCeiling™ is also ideal for use as ceiling tiles on T-grid system. With its flat surface, it's ready to accommodate a wide variety of finishes, making it a perfect choice for both functional and aesthetic ceiling designs.

Edge finishes



*Available for 6mm SKU only.

BENEFITS

- Resistant to the attack of termites, insects and other vermin
- Moist, mould and water-resistant
- Impact-resistant
- Dimensionally stable
- Easy to work and install
- Durable
- Flexible
- High mechanical strength



Cinema XXI Grand Kota Bintang, Bekasi



Hospital, Medan Sumatra

KalsiCeiling™ Standard Dimensions

Thickness (mm)	Width (mm)	Length (mm)	Weight per sheet (kg)
3.5	1220	2440	14.79
4.5	1220	2440	19.02
6	1220	2440	25.36

Other dimensions available upon request. Weight is based on nominal density plus expected variations due to humidity and other factors.

KalsiCeiling™ is stable, durable and moisture-resistant.



KalsiPartition™

KalsiPartition™: Built for Durability, Designed for Seamless Integration in High-Performance Interiors

KalsiPartition™ is the perfect choice for demanding internal wall applications, offering exceptional performance in high-traffic areas, impact-prone environments, and humid conditions.

Its innovative design allows for easy installation of conduits, wiring, pipes, and other services within the system's cavity, ensuring seamless integration with building utilities.

Ideal for spaces requiring frequent cleaning and maintenance, KalsiPartition™ delivers a durable, long-lasting solution that stands the test of time.

Edge finishes



BENEFITS

- Resistant to the attack of termites, insects and other vermin
- Moist, mould and water-resistant
- Impact-resistant
- Dimensionally stable
- Easy to repair and repaint
- Partition system with design flexibility
- Acoustic performance
- High mechanical strength & stiffness



FMCG Factory



Factory, East Java

KalsiPartition™ Standard Dimensions

Thickness (mm)	Width (mm)	Length (mm)	Weight per sheet (kg)
6	1220	2440	25.36
9	1220	2440	38.04

Other dimensions available upon request. Weight is based on nominal density plus expected variations due to humidity and other factors.

KalsiPartition™ offers high-impact durability and efficient space optimisation, making it the perfect solution for high-traffic areas.



Office Factory

KalsiClad™

KalsiClad™: Redefining Exterior Walls with Durability, Style, and Versatility

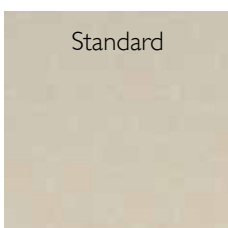
KalsiClad™ is expertly designed for external wall cladding, offering outstanding resistance to outdoor elements and the versatility to support a wide range of coating finishes. Perfect for both new builds and renovation projects, it provides the design flexibility needed for modern, contemporary architectural solutions.

KalsiClad™ can be installed with either expressed or metal/pvc joiner, allowing architects to create the ideal combination of surface texture and joint style to match their vision.

BENEFITS

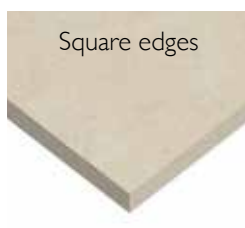
- Resistant to the attack of termites, insects and other vermin
- Moist, mould and water-resistant
- Weather-resistant
- Impact-resistant
- Dimensionally stable
- Easy to repair and repaint
- Durable
- Versatility in finishing options
- Thermal insulation

Surface finishes



Standard

Edge finishes



Square edges



KalsiClad™ Standard Dimensions

Thickness (mm)	Width (mm)	Length (mm)	Weight per sheet (kg)
12	1220	2440	50.72

Other dimensions available upon request. Weight is based on nominal density plus expected variations due to humidity and other factors.

**KalsiClad™ is a
lightweight yet durable
external cladding
solution, ideal for both
new construction and
renovation projects.**



Sky Bridge - Terminal 2 Soekarno-Hatta International Airport

KalsiFloor™

KalsiFloor™: Durable Fibre Cement Solution for Versatile Flooring Applications

KalsiFloor™ is a robust fibre cement board designed for a wide range of flooring applications. It can be directly finished with tiles, carpet, or any other floor coverings for residential and office projects or reinforced with mortar screed for industrial and heavy-duty environments.

As a superior alternative to concrete slabs, KalsiFloor™ offers exceptional strength, a clean and dry installation process, reduced waste, and significant time savings during construction.

Surface finishes



Standard

Edge finishes



Square edges

BENEFITS

- Resistant to the attack of termites, insects and other vermin
- Moist, mould and water-resistant
- Speed of installation
- Impact-resistant
- Lightweight solution
- Non-combustible
- Higher mechanical strength
- Durable
- Does not swell

Autograph Tower, Thamrin Nine, Jakarta



Bus station, Jakarta



Bridgeway, Jakarta

KalsiFloor™ Standard Dimensions

Thickness (mm)	Width (mm)	Length (mm)	Weight per sheet (kg)
15	1220	2440	63.41
18	1220	2440	76.09
20	1220	2440	84.54

Other dimensions available upon request. Weight is based on nominal density plus expected variations due to humidity and other factors.



KalsiFloor™ is the ideal substrate for lightweight flooring. Fast, clean and durable solution.

Our technical support for your project



Our technical support team is ready to assist you with expert guidance and practical solutions for your project.

Feel free to contact us!

Luzon

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Visayas and Mindanao

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+63 961 012 8009





Fibre Cement

Philippines

PT. Etex Building Performance Indonesia

Jl. Indro No. 1, Kebomas, Gresik 61124, Indonesia



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Disclaimer:

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