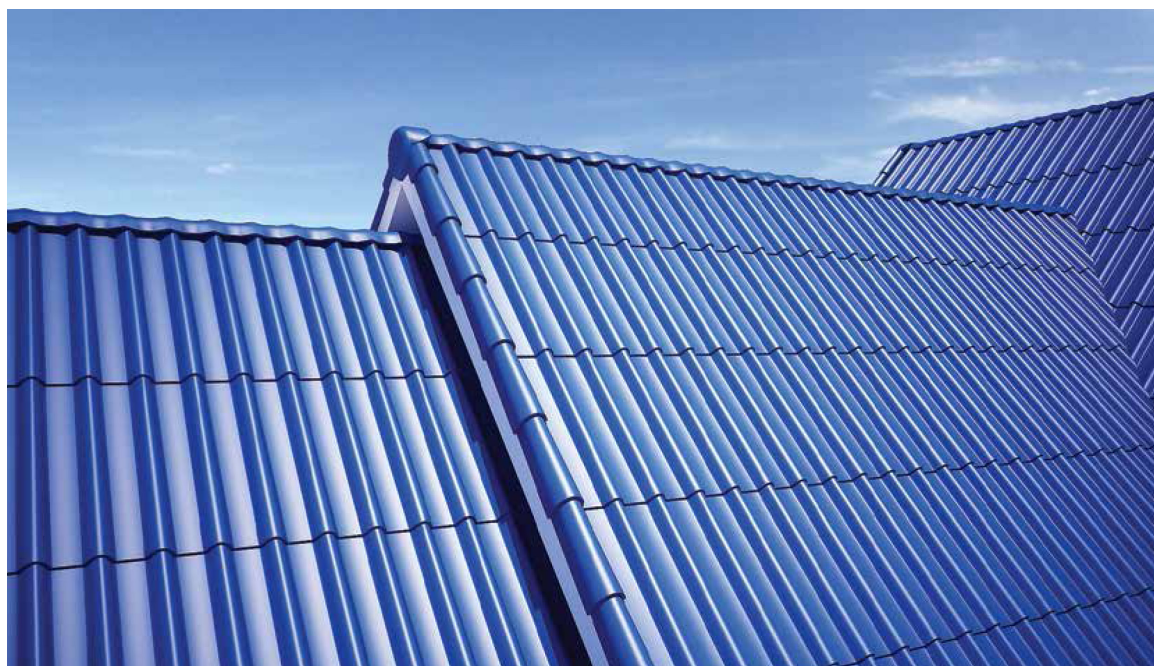
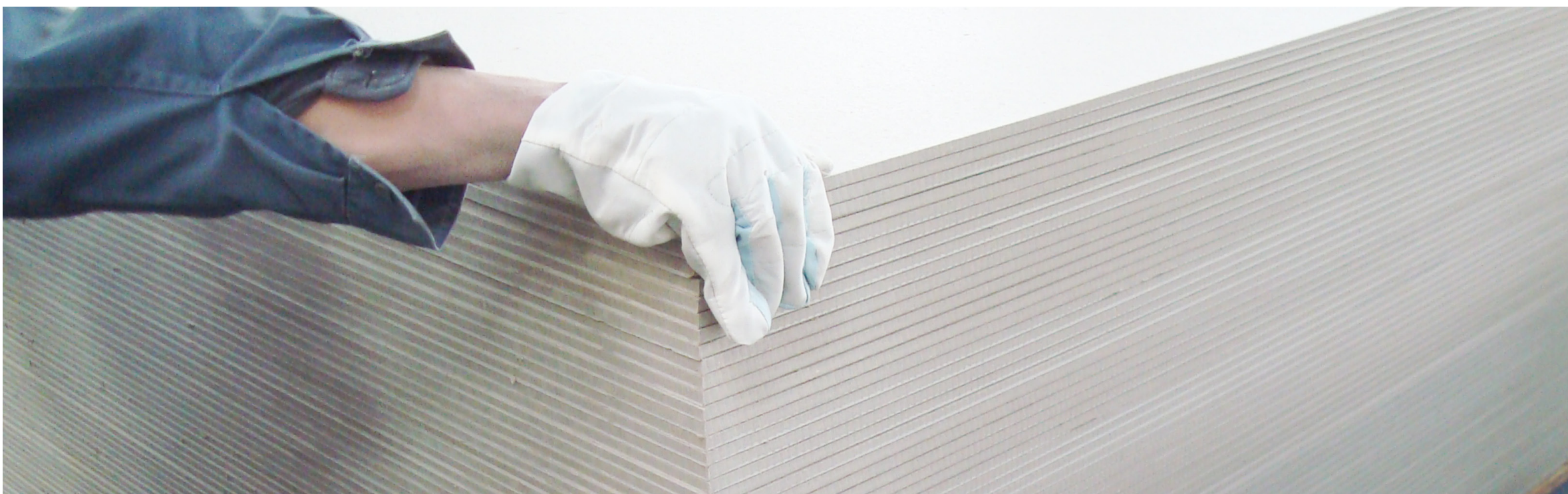




TPI BOARD

The Perfect Base for Your Space.



ABOUT TPIPL

TPI Polene (Public) Company Limited (TPIPL) is amongst the most prestigious names in cement manufacturing in Thailand and the global market. It is regarded as a pioneer in the cement industry and a leader in concrete and LDPE/ EVA business.

Having a turnover of more than \$ 2 billion, TPIPL is recognized for its dedicated efforts in producing exceptionally high-quality products for varied sectors and needs in contemporary construction.

With an extensive cement product line spanning mortar, construction cements, oil well cement, cement glue and cement paint amongst others, TPIPL now brings its state-of-the-art innovation to introduce a revolutionary range of fiber cement products with stunning aesthetics and superlative features.



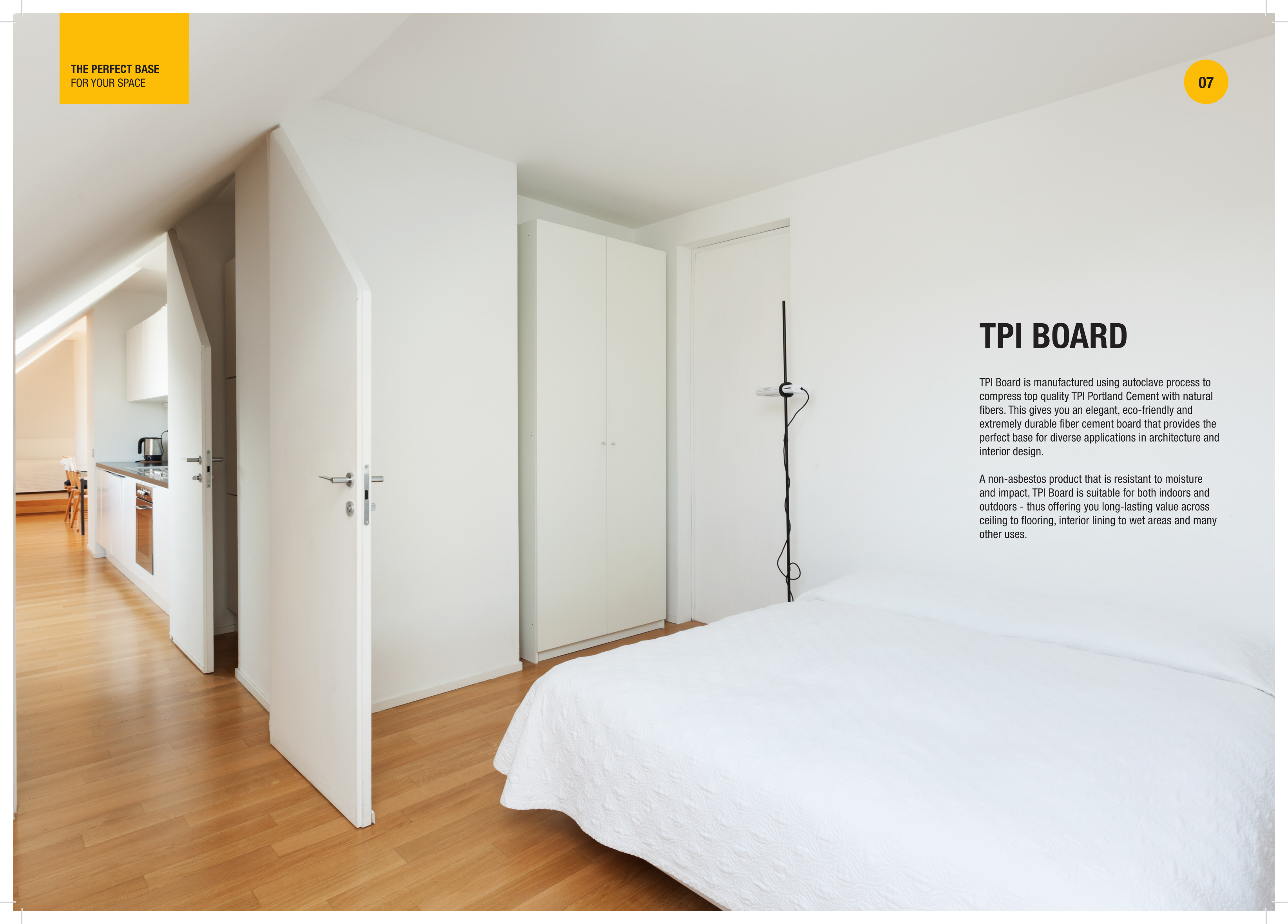
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TPI BOARD

TPI Board is manufactured using autoclave process to compress top quality TPI Portland Cement with natural fibers. This gives you an elegant, eco-friendly and extremely durable fiber cement board that provides the perfect base for diverse applications in architecture and interior design.

A non-asbestos product that is resistant to moisture and impact, TPI Board is suitable for both indoors and outdoors - thus offering you long-lasting value across ceiling to flooring, interior lining to wet areas and many other uses.





LIVING GREEN

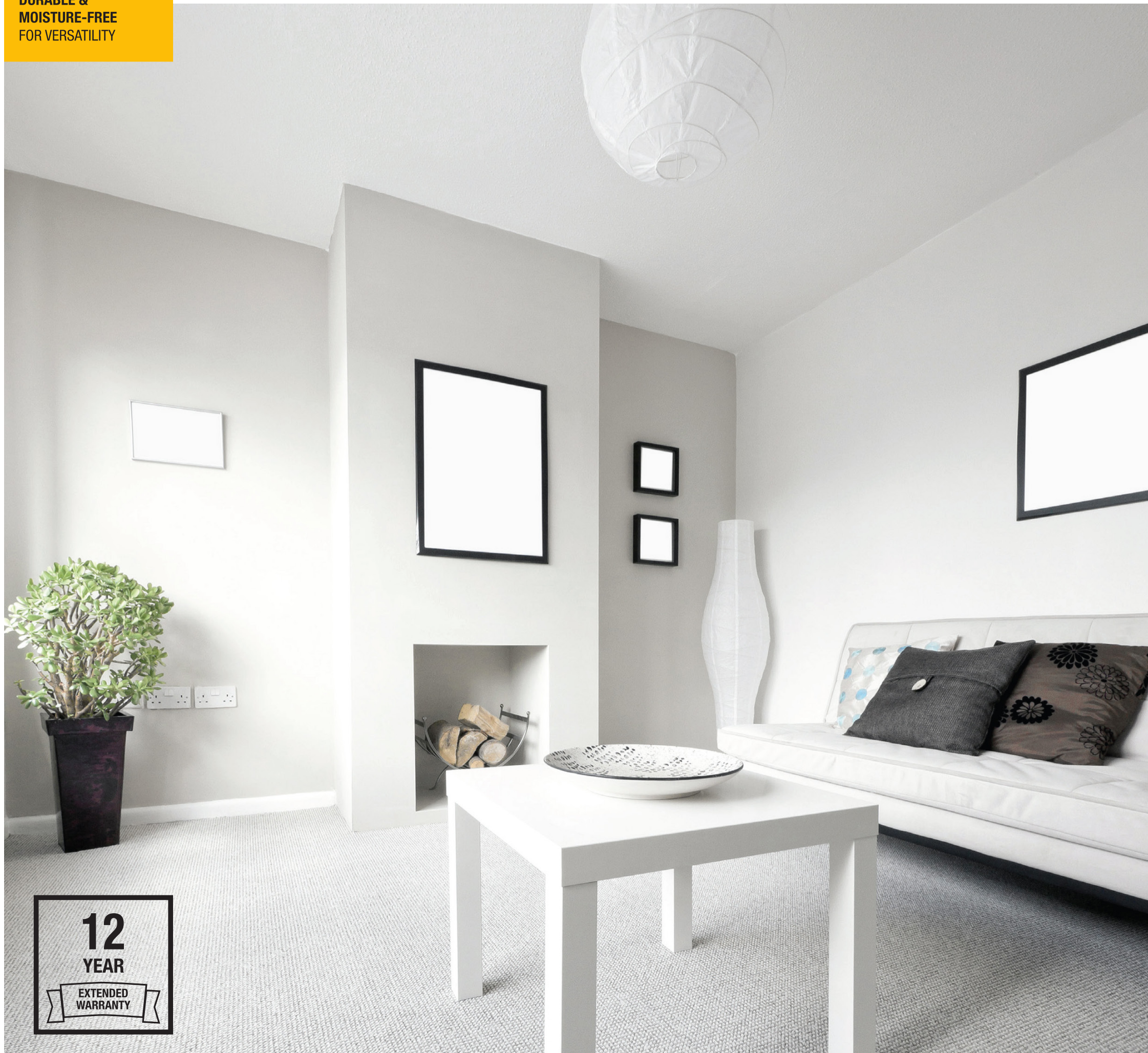
TPIPL has been conferred with ISO 14001 Certification for Environmental Management from ISO standard AJA EQS of the United Kingdom and Best Corporation for Energy Conservation in Thailand, from the Ministry of Science, Technology and Environment.

The first cement manufacturer in the country to be awarded the ISO 9002 Certification from the International Standard Institute, it has also been awarded for Quality Management Systems across its operations spanning corporate headquarters, manufacturing plants and distribution channels.

Marking its products, the TPI Green Label is an assurance of TPIPL's belief in sustainability as not just a trend but an integral way of life.



**DURABLE &
MOISTURE-FREE
FOR VERSATILITY**



WHY PREFER TPI BOARD?

TPI Board is resistant to moisture, impact, fire, termite and different weather conditions. It also offers excellent sound insulation. Which makes it the ideal choice for a variety of interior as well as exterior applications. With zero asbestos, it ensures that your living and working spaces stay healthy and sustainable.

Moreover, because you get this with an extended warranty of 12-years, you can be assured of TPI Board's benefits for longer. So prefer TPI Board - because from ceiling to floor, it is the perfect base for your decor.



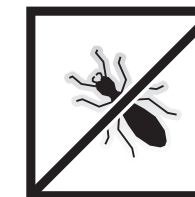
**MOISTURE
RESISTANT**



**IMPACT
RESISTANT**



**FIRE
RESISTANT**



**TERMITE
RESISTANT**



**SOUND
INSULATED**



**NON
ASBESTOS**

**12
YEAR
EXTENDED
WARRANTY**

**STRONG, SAFE
& SMOOTH CEILINGS**

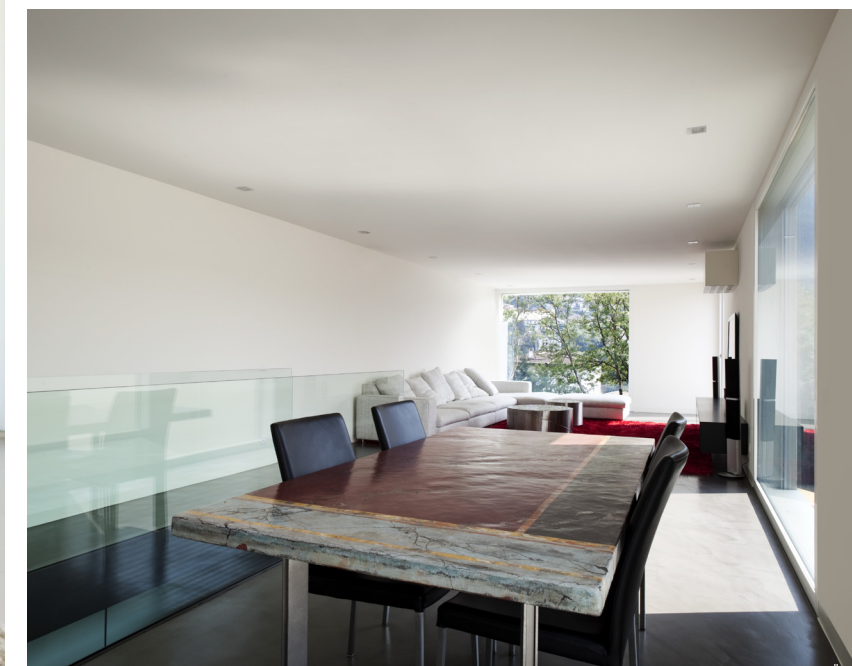
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TPI BOARD FOR CEILINGS

TPI Board is a strong, lightweight and long-lasting material to create classic and contemporary ceilings.

It offers high resistance to humidity, fire and extreme weather conditions. With zero asbestos, TPI Board protects occupants from any respiratory ailments caused by inhaling asbestos dust.

Its flat and smooth surface is perfect for seamless ceiling designs and easy-to-install for grid ceiling systems. This makes TPI Board ideal for both indoor and outdoor ceiling applications across varied decor styles and genres.



**IMPACT-RESISTANT
& STABLE PARTITIONS**



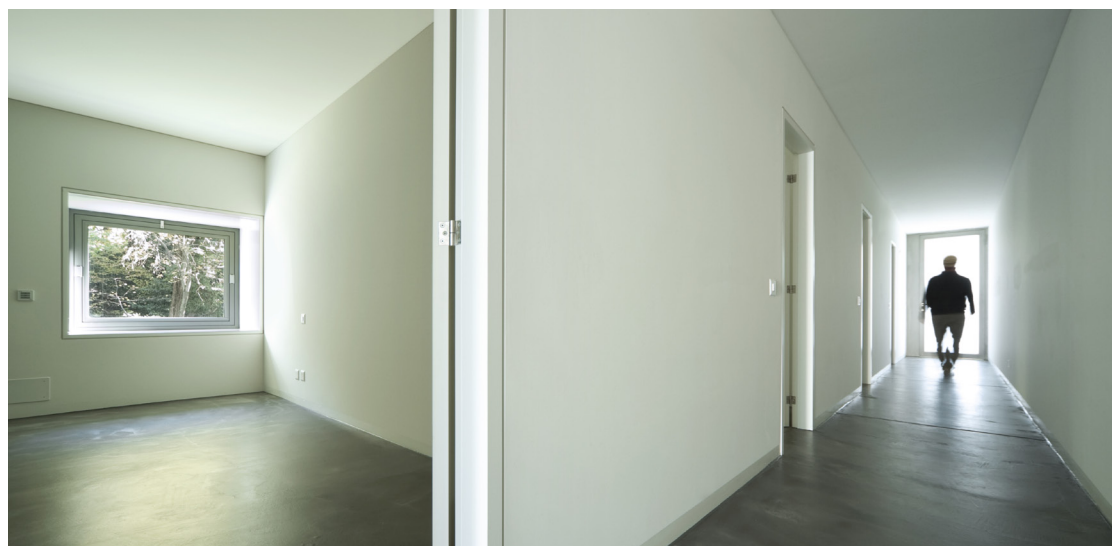
TPI BOARD FOR PARTITIONS

TPI Board offers you the smarter, faster and greener choice for internal Partitions.

High durability and resistance to impact protects from damage and extends application life. Non-asbestos TPI Board assures your spaces stay healthy and environment-friendly.

Superior sound insulation and resistance from moisture, termite and fire ensures hassle-free applications across residential to hospitality projects. Its dimensional stability and easy workability provides strength with convenience.

TPI Board also gives you the flexibility of a wide range of finishes so that you get functionality with aesthetics.



ELEGANT & ENDURING
INTERNAL LININGS

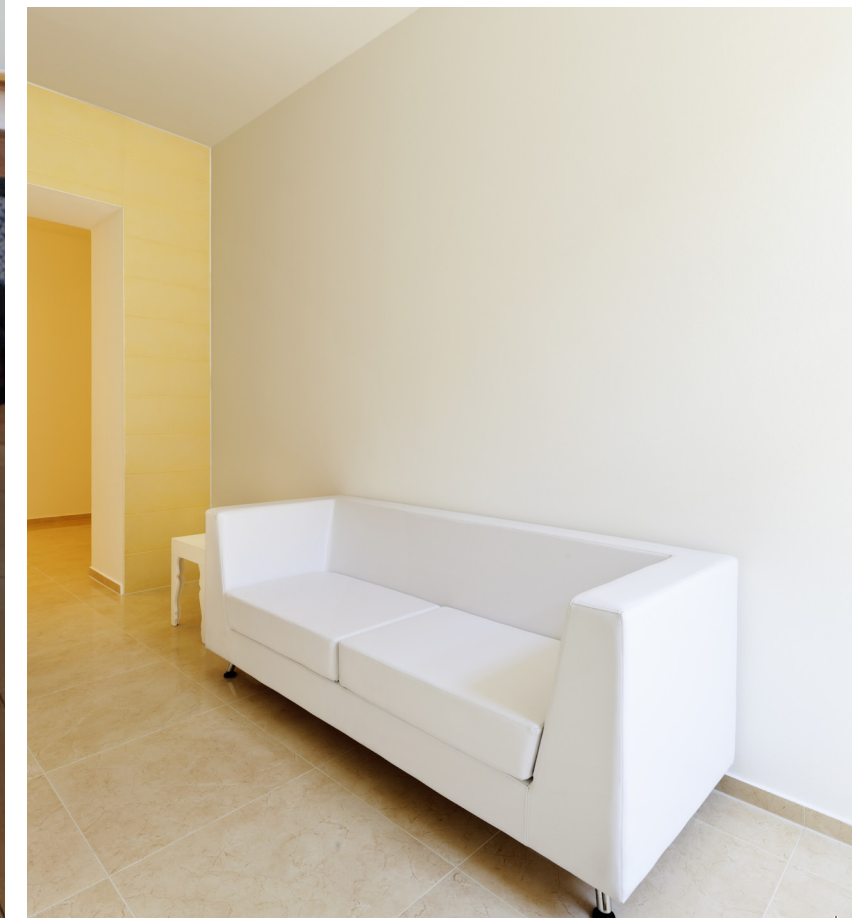
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TPI BOARD FOR INTERNAL LININGS

TPI Board lets you create Internal Linings that are beautiful in looks and reliable in features.

Now forget the worries of damage from moisture, impact and termite with TPI Board's excellent resistance properties. The freedom to choose a variety of finishes, from paint to texture to tiles, enhances your decor.

Safeguarding health with zero asbestos, TPI Board's good fire and sound insulation gives versatility of application across residential to commercial to hospitality sectors.



**DRY & FUNGUS-FREE
WET AREAS**



TPI BOARD FOR WET AREAS

TPI Board provides you the ideal base as backing materials for wet and humid areas.

Exceptional moisture resistance assures no deterioration and growth of moulds or mildew due to dampness - thus saving you costly repairs and replacements.

Durability and impact resistance increases product longevity while good load bearing capacity offers ease of handling and installation.

This makes TPI Board perfect for bathrooms, spas, shower rooms, kitchens and other wet rooms.



WEATHER-RESISTANT
CLADDING

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TPI BOARD FOR CLADDING

When you need Cladding that can withstand the vagaries of nature, choose TPI Board.

TPI Board protects with its superb weather resistant attributes and durability. It also shields against moisture and termite attacks so that your building can look beautiful for longer.

Allowing a range of finishes from paint to texture, now you can have facades that look good and act tough.



**HIGH LOAD-BEARING
FLOORING**



TPI BOARD FOR FLOORING

TPI Board is the preferred choice when you need high density and durable flooring.

With high load bearing capacity, it offers superior resistance to moisture and shields it from damage against swelling or rotting. TPI Board is termite resistant with fire and sound insulation. It can be used as the floor itself or as a leveling surface.

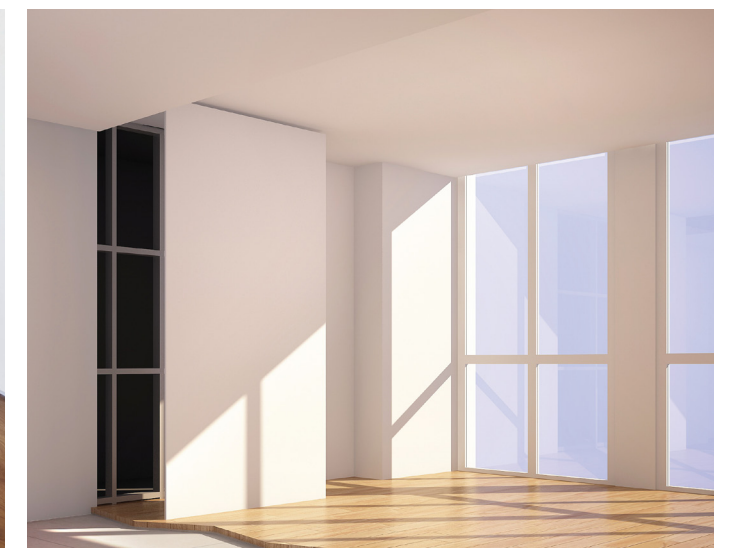
It allows a range of finishes including tiles, carpet, parquet, laminate and more.



TECHNICAL SPECIFICATIONS			
PHYSICAL PROPERTIES	UNIT	TPI BOARD	STANDARD TEST METHOD
Thickness Tolerance	%	+/- 8%	ASTM C1185
Density	kg/m ³	1,300 +/- 50	ASTM C1185
Water Absorption	%	Max. 35	ASTM C1185
Moisture Content	%	≤ 15%	ASTM C1185
Mould Resistance		Pass	ASTM D3272
PH Value		7 - 8	ISO 10390:2005
Water Tightness		Pass	ASTM C1185
MECHANICAL PROPERTIES	UNIT	TPI BOARD	STANDARD TEST METHOD
Modulus of Rupture at EMC (Avg.)	MPa	> 10 (EMC)	ASTM C1185
Modulus of Elasticity on Machine Direction (EMC)	MPa	> 5,000 (EMC)	ASTM C1185
Modulus of Rupture on Wet (Avg.)	MPa	> 7 (Wet)	ASTM C1185
Modulus of Elasticity on Machine Direction (Wet)	MPa	> 4,000 (Wet)	ASTM C1185
FIRE RESISTANCE PROPERTIES	UNIT	TPI BOARD	STANDARD TEST METHOD
Ignitibility	-	Pass	BS476 Part 5
Fire Propagation Index	-	Pass	BS476 Part 6
Surface Spread of Flame	-	Pass	BS476 Part 7
Smoke Developed Index (SDI)	-	Pass	ASTM E84-00a
Flame Spread Index (FDI)	-	Pass	ASTM E84-00a
DURABILITY	UNIT	TPI BOARD	STANDARD TEST METHOD
Heat/ Rain Resistance		Pass	ASTM C1185
Warm Water Resistance		Pass	ASTM C1185
Freeze/ Thaw Resistance		Pass	ASTM C1185
Soak/ Dry Resistance		Pass	BS EN 12467:2000

PRODUCT - APPLICATION MATRIX									
TPI BOARD & TPI COMPRESSED BOARD									
Application*	Thickness (in mm)								
	4	6	8	9	10	12	16	18	20
Indoor Ceiling/ False Ceiling	●	●							
Eave, Arch & Attic Ceiling	●	●							
Internal Partitions - Half/ Full Height		●	●	●	●	●			
Internal Lining		●	●		●	●			
Eaves & Soffit Lining	●	●		●		●			
Subroof/ Sun Louvers			●		●				
Wet Areas		●		●		●			
Cladding/ Exterior Paneling				●		●			
Underlayment			●		●	●	●	●	
Access Floor/ Raised Floor							●	●	
Commercial Flooring						●	●	●	●
Pre-Fabricated Shelter - Internal/ External Walls		●		●		●			




* Standard size of TPI Board/ TPI Compressed Board is 2400 x 1200 mm. Special sizes available upon request.











TOOLS & ACCESSORIES

To ensure that you get optimum performance from the wide range of applications of TPI Board, choose the right tools and accessories so that every space is finished just as perfect as you want it.

MEASURING & LEVELING TOOLS

			
Measuring Tape	Leveling	Plumb & Chord	Guide Lining

INSTALLATION ACCESSORIES

			
Cordless Driver Drill 0-3200 rpm, 230 W	Cordless Drill 0-3000 rpm, 450 W	Portable Cut-Off 4600 rpm, 1650 W	Angle Grinder 100 mm, 11000 rpm, 710W
			
Self-Drilling Screw 25 mm (Steel Frame)	Self-Drilling Screw 25 mm (Drywall Frame)	Self-Drilling Screw 25 mm (Timber Frame)	Fiber Cement Cutter

STRUCTURAL FRAME

		
Timber Frame	Steel Frame	Galvanized Steel Frame

FINISHING & PAINTING TOOLS

			
Fiber Tape/ Cloth Tape	Backing Rod	Bitumen Flashing Tape (Bathroom)	Flashing Tape (Bathroom)
			
Adhesive Cement TPI 502	Polyurethane Jointing	Acrylic Putty TPI M660	Caulking Gun



Disclaimer: Please note that while the information in this catalogue is correct at the time of publication, it is subject to updates at any time. For current information and actual products, kindly contact the nearest office. The Company reserves the right to make changes in the products and data at any time without prior notice.



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