

SUSTAINABLE FORESTRY PRODUCTS TO BUILD A BETTER WORLD

We bring to you the widest range of wood-based panel manufacturers from all over the world.

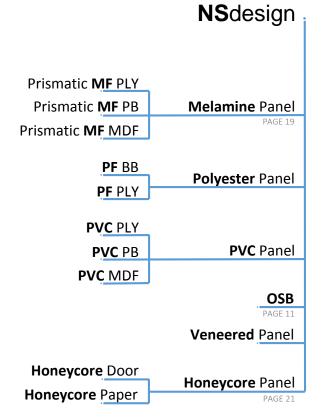
Drawing from many years of experience and knowledge, NS Trading curates our products with a sharp eye for the latest trends in the building and design industry.

Our aim is to provide you with the best selection of products available, creating more possibilities in interior design and architecture.

The catalogue presents products that have been carefully selected for their standards, economy, and ecological footprint. We believe that innovative and sustainable forestry products are the next step forward in building modern and ecological architecture.



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PLYWOOD

Plywood is made from thin sheets of wood veneer glued together using synthetic resin binders. It is known for its superior strength and dimensional stability.

NS carries a wide range of plywood for numerous applications. Each board type has specific characteristics suited to its intended usage.

NS Plywood

MR • WBP • Marine Grade Plywood

NS carries a wide range of plywood that is sourced from all over the world and come in various grades. Our boards are available un-sanded or sanded, on one or both sides. Customers can also choose between MR and WBP for interior and exterior applications, respectively. Marine grade plywood is needed for more demanding purposes.

NS GREEN

NS GREEN represents plywood certified by the Singapore Green Label Scheme that complies with European formaldehyde emission standards. NS GREEN is recommended for use in environmentally sensitive interior applications, where formaldehyde emissions need to be kept to a minimum.



NS Bending Plywood

This amazingly flexible board will bend to almost any curved contour. Its ability to flex in long-grain or cross-grain directions makes it a versatile panel for complex designs.

NS Bending Plywood can achieve:

- Rounded furniture designs
- Curved cabinet ends or islands
- Arches and arched casings
- Rounded wall units and columns



IMAGINE A PLYWOOD THAT FULFILS YOUR MOST CHALLENGING REQUIREMENTS.



Tricoply

Anti-termite ● Water resistant ● FR

Tricoply utilizes a new plywood processing technique that imbues panels with additional properties, namely: fire-retardant, termite-resistance, and waterproof characteristics. The result is a highperformance plywood which can be used in the manufacturing of products for external use, and opening up of new markets for manufacturers.

Process

Tricoply is treated starting at its components. The additional treatment is integrated into every step of the plywood processing technique to ensure that the additives penetrate the entire panel. This method ensures that the panel is fully functional from inside out.

Typical fire retardant and anti-termite treatments are performed only after the panel production has been completed, resulting in superficial treatments with shorter lifespans. Moreover, treatments done after the plywood have been produced often compromise the structural integrity of the panel.







Termite Repellant

Tricoply uses a specially formulated chemical designed specifically to protect against termite attack. The additive is a water-borne timber preservative that does not interfere with the glue adhesion or cause other chemical and structural changes within the panel. There are no compromises on panel integrity.

Fire Retardant

Fire retardant additives help prevent flame spread, creating a safer environment. During the manufacturing process, the flame retardant additive is added at the very beginning of the procedure, which delivers superior performance versus topical flame retardant applications.

Water Resistant

Specially formulated moisture resistant adhesive holds all components of the panel together and gives the plywood additional water resistant properties. The glue complies with the strict requirements of the E1 emissions standards for wood-based panels.

PARTICLE board

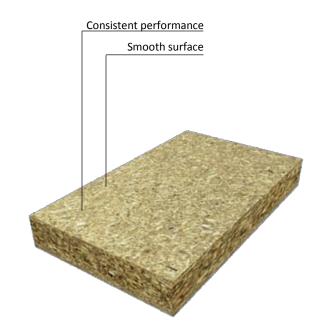
Particle boards (chipboard) are one of the most used wood-based materials for various applications. They are made from wood chips and synthetic resin binders. The boards are pressed under high temperature and pressure.

Due to their smooth sanded surfaces the boards are suitable for coating foils, veneers, decorative melamine papers and for laminating with high pressure HPL laminates.

BISON BOARD

PB ● HMR ● FR

Bison Board is known for its good density and consistency. The panels are made of specially sorted wood chips bonded with high quality resin. Ideal for internal components, the product can also be coated with a decorative surface for applications such as kitchen, bathroom, bedroom and office furniture and shelving.



BISON BOARD MECHANICAL PROPERTIES E1 GRADE								
PROPERTY	PROPERTY Thickness							
Specific Weight	JIS A5908	Kg/m³	400-900(avg.680)					
Bending Strength (MOR)	JIS A5908	N/mm²	13					
Internal Bond (IB)	JIS A5908	N/mm²	0.2					
Moisture Content (MC)	JIS A5908	%	5 - 13					
Screw Holding	JIS A5908	N	400					
Emission of Formaldehyde	JIS A5908	Mg/L	AVE 1.5 g/l MAX 2.1g/l					

DIMENSIONAL MOVEMENT							
Length/Width	JIS A5908	± 3.0 mm					
Thickness	JIS A5908	± 3.0 mm					







THE PANEL OF **EXPERTS**

Our experienced production team creates panels that brings the industry standard to new heights, made using world-class machinery and stringent quality control.

We stay ahead of the market by continuously researching on the best processes to add to our existing library of panel knowledge.

With so many years of producing premium grade panels for our customers, it is no wonder that they come back to us with confidence, again and again.

FIBER board

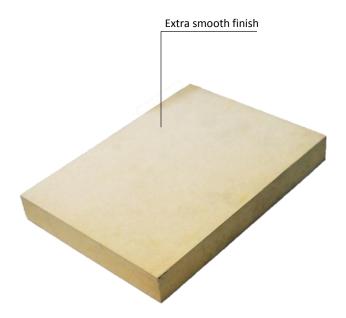
KOMPAKT MDF

MR • HMR • SmoothFinish

Medium-density fiberboard (MDF) is made by taking wood fibers, combining them with wax and a resin binder, and forming panels by applying high temperature and pressure. It is stronger and much denser than particle board.

Its consistency from core to surface makes KOMPAKT MDF the ideal option for furniture, cabinetry, millwork, molding, and flooring, among other interior applications. They are available in MR and HMR to better fit specific uses.

SmoothFinish panels combine exceptional technical properties with outstanding appearance. It is made especially for painting and to achieve a high quality finishing with a uniform base for more sensitive overlays. SmoothFinish also allows for intricate and precise machining and finishing techniques.



KOMPAKT HB

Hardboard is denser compared to other fiberboards because it is made out of exploded wood fibers that have been highly compressed. The result is a much stronger and hardier panel that does not spilt or crack.

APPLICATIONS

With a smooth top surface and a mesh, KOMPAKT HB is recommended for the manufacturing of residential furniture, bottoms of drawers, backs of furniture, and for the lining of walls of commercial offices, or where its exceptional technical properties are required.



KOMPAKT MDF SPECIFICATION TABLE									
PROPERTY	Units	Thickness range (mm)							
	Offics	2.5 - 4	4 - 6	6 - 12	12 to 19	19 to 30			
Specific Weight	Kg/m³	770-800	750-800	710-760	690-720	680-710			
Internal Bond	N/mm²	0.65	0.65	0.60	0.55	0.50			
Modulus of Rupture	N/mm²	30	25	22	20	18			
Modulus of Elasticity	N/mm²	n/a	2700	2500	2200	2000			
Moisture Content	%	6% ± 2							
Thickness Swelling - 24hrs	%	35.0	30.0	15.0	12.0	10.0			

DIMENSIONAL MOVEMENT								
Length/Width	%	0.5	0.5	0.5	0.4	0.4		
Thickness	%	6.0	6.0	6.0	5.0	5.0		

KOMPAKT HB SPECIFICATION TABLE								
PROPERTY	Test Method	Units	Thickness range					
PROPERTY	rest Method	Ullits	2.5 - 3 mm					
Specific Weight	ABNT 10024	Kg/m³	0.65					
Modulus of Rupture	AHA A 135.4/95	Kgc/cm²	315					
Res to Perpendicular Tensile Strength	AHA A 135.4/95 Kgc/cm		6.2					
Res to Parallel Tensile Strength	AHA A 135.4/95	Kgc/cm²	152					
Moisture Content	AHA A 135.4/95	%	2 - 9					
Thickness Swelling - 24hrs	AHA A 135.4/95	%	25.0					

DIMENSIONAL MOVEMENT						
Length/Width	AHA A 135.4	± 1.0 mm/ml				
Thickness	AHA A 135.4	± 1.0 mm/ml				



MEDITE FR MDF

Medite Flame Retardant (FR) Class 0 & 1 is an MDF panel developed specifically for use in situations where a Class 0 or a Class 1 flame retardant board is required under standards set by the Singapore Fire Safety & Shelter Department. Tested by TÜV SÜD PSB Singapore for BS 476 Part 6 & 7, Medite FR achieves the Certificate of Conformity (COC) for Class 0 and Class 1, respectively. European community COC issued in accordance with the Marine Equipment Directive has also been achieved.



APPLICATIONS

Medite FR Class 0 & 1 panel products are suitable for use as wall linings, partitions, display panels, ceilings etc. Typical applications are: hotel foyers, offices, public libraries, schools, court houses, hospitals, cinemas, discothegues and some shipbuilding applications.

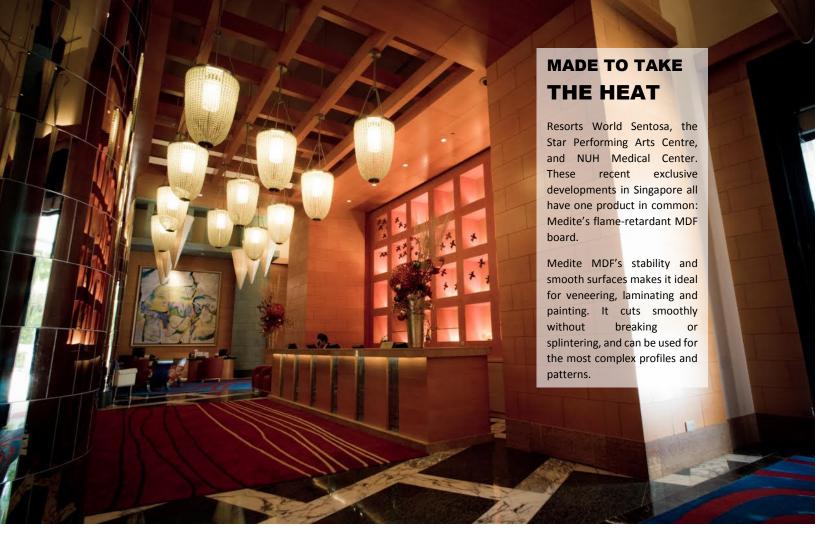


PERFORMANCE

Medite FR Euro Class 0 & 1 has been certified and conforms to the BS 476 Part 6 (Fire Propagation Test) and BS 476 Part 7 (Spread of flame test) standards respectively. Please refer to test reports by TÜV SÜD PSB for more details.

With proper design, Medite FR can withstand 30 minutes of fire when made into symmetrical nonload bearing partitions. This is in accordance to BS476 Part 22. For more information, please refer to '30 Minute Fire Resisting Partitions'.





Medite FR Euro Class 0 & 1 (EN 13823 + EN 11925-2) is manufactured under an NSAI registered I.S. EN ISO 9001:2000 quality management system. Medite FR Class 0 6-25mm has achieved the WheelMark certification for use in certain applications on marine vessels.







WheelMark Certified



Singapore Green Label Scheme

MEDITE FR SPECIFICATION TABLE									
PROPERTY	Test	Test Units —		Thickness range (mm)					
PROPERTY	Method	4 to 6	6 to 9	9 to 12	12 to 19	19 to 30			
Internal Bond	EN 319	N/mm²	0.65	0.65	0.65	0.60	0.60		
Modulus of Rupture	EN 310	N/mm²	35	20	30	25	25		
Modulus of Elasticity	EN 310	N/mm²	3000	3000	3000	2700	2500		
Moisture Content	EN 322	%	5 - 9						
Thickness Swelling - 24hrs	EN 317	%	25.0	17.0	15.0	10.0	10.0		

DIMENSIONAL MOVEMENT								
Length/Width	EN 318	%	0.4	0.4	0.3	0.3	0.3	
Thickness	EN 318	%	6.0	6.0	4.0	4.0	3.0	

THE MDF YOU HAVE BEEN WAITING FOR.

Imagine a world of new and exciting possibilities for a wood-based panel product, enabling its use in applications and environments that could not previously be contemplated. Imagine the positive implication if the raw material for the panel was modified to give outstanding dimensional stability and durability, using a non-toxic environmentally compatible process.

MEDITE ECOLOGIQUE

An MDF panel with zero added formaldehyde. Developed specifically for use in environmentally sensitive interior applications, where formaldehyde emissions need to be kept to a minimum.

APPLICATIONS

Medite Ecologique is a panel product suitable for use in non-stressed applications. Medite Ecologique is ideal for cabinets, display cases, furniture, fixtures and moldings designed for environmentally sensitive areas such as museums, laboratories, art galleries, nursing homes, hospitals, nurseries and schools.

FORMALDEHYDE FREE

No formaldehyde added to the softwood fibers in the manufacture of Medite Ecologique. The resultant product far exceeds the rigid Class E1 (EN 622-1) low formaldehyde standard. Medite Ecologique contains less than 1.0mg/100g (equivalent or less than natural wood). The formaldehyde emissions from Medite Ecologique are well below general ambient outdoor levels.

MEDITE TRICOYA

Medite Tricoya Extreme excels in outdoor environments where humidity and weather are concerns. Medite Tricoya encompasses the many benefits observed in solid acetylated wood, including enhanced dimensional stability and durability and fungal resistance.

Enhanced characteristics:

- Enhanced stability in extreme conditions
- Resistant to fungal decay
- 25 year in-ground guarantee

Medite Tricoya is made using a high performance resin which is also zero added formaldehyde, making the product not only exceeding EU E1 standards, but also CARB2 compliant.





MEDITE ECOLOGIQUE SPECIFICATION TABLE									
PROPERTY	Test	Units		Thickness range (n	nm)				
FROFERIT	Method	Offics	6.0 to 9.0	9.0 to 12.0	12.0 to 19.0				
Internal Bond	EN 319	N/mm²	0.9	0.8	0.8				
Modulus of Rupture	EN 310	N/mm²	35.0	32.0	30.0				
Modulus of Elasticity	EN 310	N/mm²	3500	3200	3000				
Moisture Content	EN 322	%	5 - 9						
Thickness Swelling - 24hrs	EN 317	%	20.0	15.0	10.0				
DIMENSIONAL MOVEMENT									
Length/Width	EN 318	%	0.3	0.3	0.3				
Thickness	EN 318	%	4.0	4.0	4.0				

MEDITE TRICOYA SPECIFICATION TABLE									
PROPERTY	Test	Units		Thickne	ess rang	e (mm)			
1 110 1 = 111 1	Method	Offics	6	9	12	15	18		
Density		kg/m³	720	720	720	700	700		
Internal Bond	EN 319	N/mm²	0.80	0.80	0.80	0.80	0.80		
Internal Bond (After Boil Test)			0.65	0.65	0.65	0.65	0.65		
Modulus of Rupture	EN 310	N/mm²	30	30	25	20	20		
Modulus of Elasticity	EN 310	N/mm²	3000	3000	2500	2500	2500		
Thickness Swelling - 24hrs	EN 317	%	2.5	2.0	2.0	1.5	1.5		
DIMENSIONAL MOVEMENT									
Length/Width	EN 318	%	0.1	0.1	0.1	0.1	0.1		
Thickness	EN 318	%	1.0	1.0	1.0	1.0	1.0		



OSB

Strong, stable, and more sustainable, oriented strand board (OSB) is replacing plywood - especially for timber framed houses and in the packaging industry. The strands also possess a beautiful and natural pattern, popular with designers.

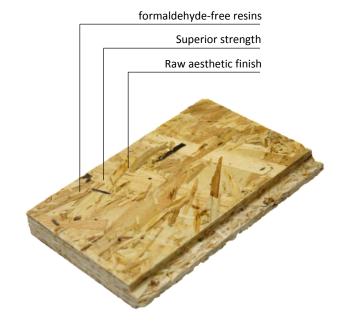
OSB AMBIENTAL

OSB Ambiental is suitable for universal applications for interior and exterior conditions giving you endless possibly to develop your construction projects. Composed of strands arranged in layers oriented at right angles, OSB and Plywood are often treated as equals in performance.

OSB's combination of wood and adhesives creates a strong, dimensionally stable panel that resists deflection, delamination, and warping; likewise, panels resist racking and shape distortion when subjected to demanding wind and seismic conditions. Relative to their strength, OSB panels are light weight and easy to handle and install.

FORMALDEHYDE FREE

OSB Ambiental is made from 100% formaldehydefree resins binders and select types of timber. The result is ultra-low emission at the level of natural wood (<0.03 ppm). It is optimal for environmentally sensitive applications where emissions are a concern. OSB Ambiental is considered one of the most progressive OSBs that is currently available.





OSB AMBIENTAL SPECIFICATION TABLE									
PROPERTY	,	Test	Units		Thick	ness range	(mm)		
PROPERTY		Method	Ullits	6 to 10	10 to 18	18 to 25	25 to 32	32 to 40	
Specific Weight		EN 323	Kg/m³	600	590	580	570	560	
Internal Bond		EN 319	N/mm²	0.34	0.32	0.3	0.29	0.26	
Modulus of Rupture	Major axis	EN 310	N/mm²	22	20	18	16	14	
	Minor axis	EIN 210	IN/IIIIII	11	10	9	8	7	
Modulus of Elasticity	Major axis	EN 310	N/mm²	3500	3500	3500	3500	3500	
	Minor axis	EIN 210	IN/IIIIII	1400	1400	1400	1400	1400	
Moisture Content		EN 322	%		2 - 12				
Thickness Swelling - 24hrs		EN 317	%	20					
Formaldehyde		EN 717-1	ppm			0.03			

DIMENSIONAL MOVEMENT								
Length/Width	EN 324-1	mm	± 3.0					
Thickness	EN 324-1	mm	± 0.8					



LVL

Laminated Veneer Lumber (LVL) is an engineered wood product that provides a consistent, highperformance alternative to solid lumber and steel in structural uses. They are made from veneers, which are bonded together with resin.

Because natural defects like knots, slope of grain and splits have been dispersed or removed altogether, the average strength characteristics are higher and the variation significantly lower when compared to traditional timber products.

NP FORM

FORMWORK BEAM

NP FORM is manufactured from NelsonPine LVL and is intended for use as concrete formwork, joists, bearers, walers, soldiers and supports. NP FORM is strong, light, straight, and uniform, which will reduce forming costs and improve the quality of concrete finish.

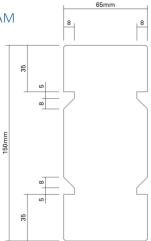
NP FORM LVL11 SECTION PROPERTIES									
Width x	Mass	Rigidity	Design Capacity						
Depth	(kg/m)	EI	ØM (kNm)	ØV (kN)					
(mm)		(x10 ⁹ Nmm ²)							
95 x 47	2.5	36.9	2.3	13.0					
95 x 65	3.5	51.1	3.2	18.0					
130 x 65	4.8	130.9	6.1	24.6					
150 x 77	6.6	238.2	9.6	33.6					

Design capacities calculated for \emptyset = 0.9 for short duration loads, K1 = 0.97. Members are assumed to be laterally restrained. Capacities apply to on-edge orientation of the section.

G FORM



G-FORM LVL grooved formwork perfect solution for durable, strong and lightweight formwork. G-FORM LVL is ideal for concrete formwork applications in high rise and civil construction projects.



SECTION PROPERTIES									
Width x	Mass	Rigidity	Design Cap	acity					
Depth	Depth (kg/m)		ØM (kNm)	ØV (kN)					
(mm)		(x10 ⁹ Nmm ²)							
150 x 65	5.2	187	8.7	30.0					

Design Capacities calculated for ϕ =0.85 and for short duration load, K1=0.94. For the bending capacity the section is assumed laterally stable. Capacities and rigidity apply for "on edge" orientation of the section. Rigidity is based on the average cross sectional dimension.











NP PLANK

SCAFFOLD PLANK

The structural uniformity of LVL makes it the perfect solution for a safe, lightweight scaffold plank. NP PLANK is made from twelve layers of veneer, ensuring its reliability and strength.

42mm X 230mm Section Size:

Length: 3950mm and 5950mm

Other lengths upon request

Unit weight: 5.4kg/m

AUTHORITY

Every NP PLANK is individually proof tested to verify that it conforms to U.S. Occupational Safety and Health Administration (OSHA) deflection limits.

Modulus of Rupture and Modulus of Elasticity are frequently tested throughout each production run in accordance with the requirements of the Engineered Wood Products Association of Australasia (EWPAA) quality control programme.

NP PLANKs are designed to conform to American National Standards Institute (ANSI) A10.8 - 2011 loading requirements.



FORMWORK Panels

Concrete-forming panels are plywood substrates overlaid with a layer of film, protecting the wood substrate from the rigors of site construction, including exposure to weather and alkali concrete mixes. This allows the panel to be used repeatedly, reducing construction expenses.

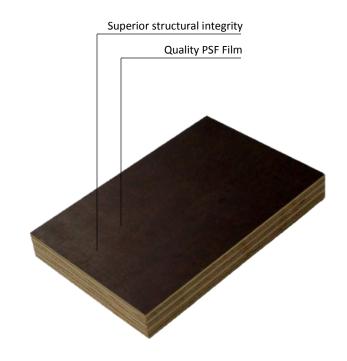
BS ELEPHANT

1 SIDE • 2 SIDE

BS Elephant is made from specially selected hardwood substrate with excellent strength, rigidity and stability. The surfaces are coated with PSF-type (Phenolic Surface Film) paper that is bonded under high heat and pressure.

Suitable for all type of developments, BS Elephant consistently exceeds the quality standards set by the plywood industry. Its structure is formed by high quality veneers with limited repairs so no defects over the film.

With a panel that is structurally sound and consistent, BS Elephant can also be used for longterm load-bearing exterior applications.









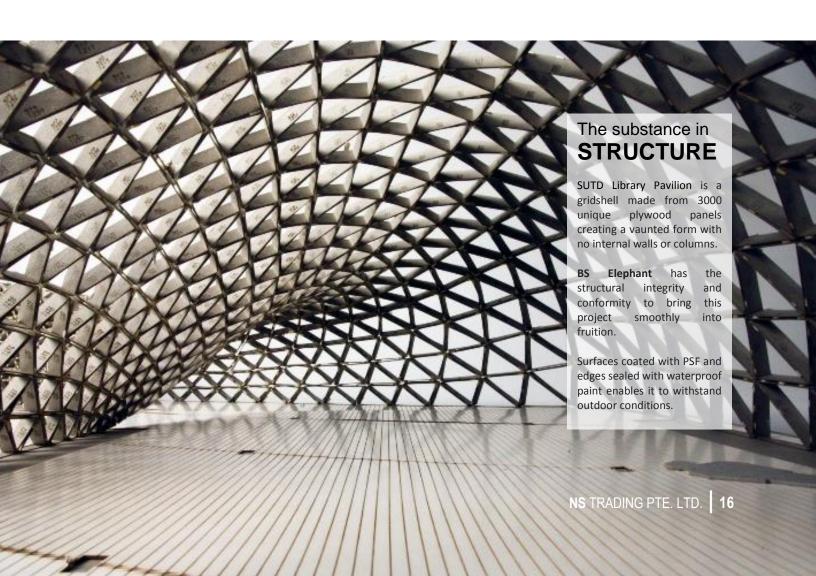






BS ELEPHANT PSF TECHNICAL DATA SHEET								
PROPERTY								
Bonding Quality/Durability	ity Bonding Class 3							
Bending Strength and	F20/25 , E40/50	F = 37.60MPa / 46.90MPa						
Stiffness	F20/23 , E40/30	E = 5129MPa / 5814MPa						
Release of Formaldehyde	EN 13986B	Class E1						
Density	≥ 400kg/m³	616k	kg/m³					
Reaction to Fire	EN13986 Tab. 8	D-s2	2, d0					
Water Vapor Permeability	EN13986 Tab. 9	wet cup:90	dry cup:220					
Airborne Sound Insulation	EN13986 sec 5.10	R = 13 x 1g (0).600 x t) + 14					
Sound Absorption Coefficient	EN 13986 Tab. 10	250 - 500 Hz: 0.10	1000 - 2000 Hz: 0.30					
Thermal Conductivity	EN13986 Tab. 9	人 = 0.17	W / (m.K)					

DIMENSIONAL MOVEMENT							
Length/Width	EN 315: 2000	± 3.5 mm/m					
Thickness	EN 315: 2000	± 1.0 mm/m					



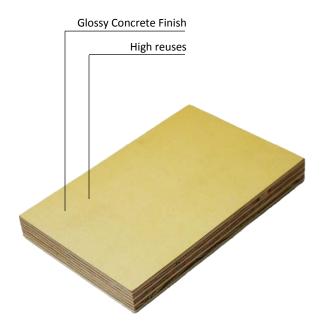
Pourform concrete forming panels are ideal for highrise and other large scale projects and wherever a high quality finish is required. Specially engineered for demanding system form applications. Our panels provide exceptional strength and reusability.

POURFORM HDO

25-30 REUSES

Pourform HDO120/30 panels produce a consistently smooth, glossy concrete surface, eliminating sugaring and minimizing finishing requirements.

When manufactured, the panels are overlaid with a yellow colored high-content phenolic resinimpregnated cellulose fiber sheet. The overlay is bonded to the plywood substrate under high heat and pressure. This forms a hard and durable surface that resists abrasion and moisture and makes the panel easy to strip from concrete surfaces.

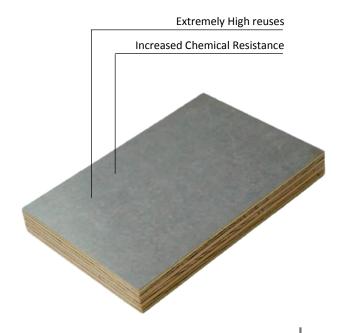


POURFORM pH+

40-50 REUSES

Pourform pH+ concrete-forming panels are manufactured using the latest technologies for alkali resistance, durability and maximum reuse. Specially engineered, Pourform pH+ features an overlay with resin content that is highly chemical resistant and protects against the new formulations of fast cure, aggressive concrete mixes.

Pourform pH+ panels are manufactured with an innovative non-porous paper overlay impregnated with a cross-linked resin system designed to provide increased chemical resistance and superior panel protection and durability.



Formwork Design

Pourform is constructed with the grain direction of the face and back veneers running parallel to the long edges of the panel. Panels should therefore always be applied perpendicular to the supports, to minimize deflection.

Nominal Thickness	# of Piles	Thickness Tolerances	Kg/m²	Panels per PKG	
12.5mm	5	-0.5; +1.0mm	7.8	69	
15.5mm	5	-0.5; +1.0mm	9.3	55	
17.5mm	7	-0.5; +1.0mm	10.2	50	
19.0mm	7	-0.5; +1.0mm	11.7	46	

POURFORM SPECIFICATION TABLE									
Stress Table	ALLOWABLE OR WORKING STRESS DESIGN CAPACITIES								
Stress ruble	FACE (GRAIN ACR	OSS SUPPO	RTS	FACE GRAIN ALONG SUPPORTS				
NOMINAL THICKNESS (mm)	12.0mm	15.0mm	18.0mm	19.0mm	12.0mm	15.0mm	18.0mm	19.0mm	
BENDING RESISTANCE: M or FbS (N-mm/mm)	266	361	469	535	141	221	319	322	
BENDING STIFFNESS: EI x 10 ⁶ (N-mm ² /mm)	1.49	2.49	3.68	4.51	0.43	0.85	1.58	1.62	
PLANAR SHEAR CAPACITY: V or Fslb/Q (N/mm)	6.81	8.55	8.42	8.84	3.68	4.62	6.83	6.86	

Load Table(kN/M²)	FACE GRAIN ACROSS SUPPORTS							
SPAN	12.0n	nm	15.0mm		18.0mm		19.0mm	
(mm)	L/270	L/360	L/270	L/360	L/270	L/360	L/270	L/360
102	179	179	224	221	221	232	232	232
152	99	99	125	123	123	129	129	129
203	64	64	86	85	85	89	89	89
305	29	26	39	51	51	55	55	55
406	15	11	22	24	28	28	32	28
488	9	7	14	15	20	17	23	17
610	4	3	7	8	10	9	12	9
711	3	2	4	5	7	6	8	6
813	2	1	3	3	4	4	5	4

Load Table(kN/M²)	FACE GRAIN ALONG SUPPORTS							
SPAN	12.0mm		15.0mm		18.0mm		19.0mm	
(mm)	L/270	L/360	L/270	L/360	L/270	L/360	L/270	L/360
102	97	97	121	121	179	179	180	180
152	54	54	67	67	100	100	100	100
203	34	31	47	47	69	69	69	69
305	12	9	21	16	34	28	35	28
406	5	4	9	7	16	12	16	12
488	3	3	6	5	11	9	11	9
610	2	1	3	2	6	4	6	4

MELAMINE Panels

Prismatic decorative surfaces - a series inspired by the latest design treads and perfected by our years of knowledge and understanding. Melamine surfaces are available in 3 different panel substrates to suit the requirements of every type of furniture.

PLYWOOD

Plywood is the preferred substrate for melamine face panels. They naturally have high structural integrity allowing for freedom of design. Its composition allows for easy woodworking activities.

The panels come with additional waterproofing qualities and naturally low emission levels. Emission sensitive areas such as the bedroom or spaces with lower ventilation are ideal target applications. Prismatic melamine plywood is odorless and safe for all your living spaces.

Other applications include environments where humidity might be a concern and water resistance is preferred, such as in kitchen and bathroom fittings. Plywood is suitable for use in high relative humidity areas near the sea or large bodies of water.

MDF, PB

MDF and Particle Boards must be consistent. uniform in strength and free of defects. The result is a decorative panel that is reliable and superior in performance. Both MDF and PB substrates are also available in High Moisture Resistant (HMR) versions for use where humidity is a concern.

Prismatic MDF and PB melamine panels are focused on bringing exclusive colors and setting high quality and economical substrates as a new standard for the industry.



WOODGRAINS, PERFECTED.

The natural environment has a beneficial effect on stress reduction, psychological health, and wellbeing. We believe that including wood patterns and texture into your design provide an environment that will relax and inspire its residents.

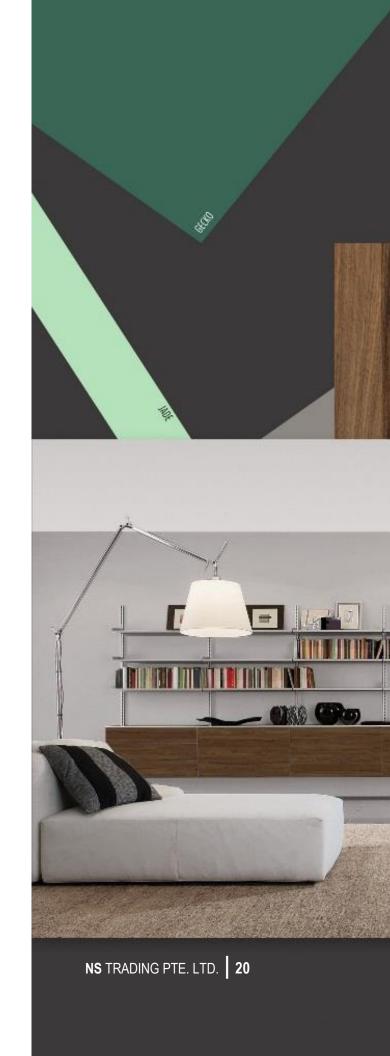
Our woodgrains' designs are selected with care to represent the modern home. We are focused identifying popular woodgrain designs that are given a contemporary touch. Exploring colors that will suit the purpose and mood of the space you create.

New textures gives your cabinets not only the look, but also the feel of natural wood. Created to mimic the textures of natural wood veneers, this panel also gives your design a unique perspective.

Every color and texture brings into your design different attitudes and experience. Prismatic panels bring to life the latest woodgrains and colors to enhance your design.

We constantly update ourselves with the latest designs in the furniture industry, seeking out new patterns and textures to invigorate your senses. Prismatic panels bring together the latest designs with the best value.

Can't find the color you are looking for? Color customization is also available upon request.



HONEYCOMB

Paper or cardboard bonded together in a parallel and uniformly spaced pattern to maximize structural integrity. When it is expanded for use, it forms a honeycomb configuration with hexagonal cells. The result is a highly durable and yet lightweight material.

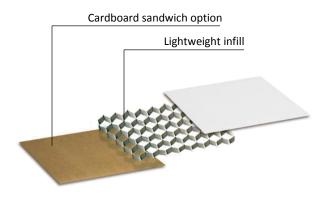
HONEYCORE PAPER

Honeycore paper is an eco-friendly alternative to materials like wood, PUF, rock wool / mineral wool, or EPS, while preserving the key virtues of their usage in the concerned applications.

With excellent strength-to-weight ratio, it combines with plywood, steel, plastics, FRP and many other materials as its infill to form some of the strongest composite panels for its weight and dimension.

Honeycore paper is made from recycled paper and non-toxic glue that is bio-degradable, and nonpollutive to the environment. Honeycore paper's low environmental impact in addition to its performance and economy makes it the ideal infill material.

The honeycomb sheets can be made of various thicknesses and cell sizes to cater for a variety of applications according to your engineered design.



HONEYCORE DOOR

High quality honeycomb paper that is structurally sound can replace the solid filling materials used in solid core doors. The result is a door that is extremely lightweight yet durable.

The following are key features of honeycomb infilled timber doors or panels:

- Light weight and easy to handle
- Fewer hinges needed for hanging panel
- Suitable for lift-off hinges door system
- · Allows flexibility in design and shapes
- Possible to make tall and thin panel
- Economical
- Produced from recycled paper

Traditional doors are susceptible to cracks and noise during operation due to their weight. Honeycore Doors reduces the stress on hinges and frames creating more safe and durable doors.

Occurrences of warp and twist caused by timber expansion due to temperature and humidity changes can be minimized with an infill of honeycomb papers, especially for tall panels. This reduces the possibly of wastage.



Honeycore Doors are ready to install doors with an option for attached architrave frame and hinges. The doors have wooden frames at the perimeter sandwiched with MDF or HMR to form a lightweight structure.

Surfaces are available in Melamine, HPL and Acrylic finishing. According to your design requirements, Honeycore Doors come in a wide range of colors and unique textures.





















STRADING PTE LTD ESTABLISHED 1988

ABOUT

We are proud to be one of Singapore's key players in the timber and engineered wood trading industry.

Since 1988, we have been 100% committed in our quest to stay in-trend and provide a reliable center for distribution. We continuously update our products to meet the latest environmental and safety standard.

International quality with a local touch

Our team travels worldwide for inspections to ensure that you get sustainable wood products at competitive market prices.

We believe in working together as your partner in discovering the best product to make your projects the best they can be.

Reliably well stocked to readily meet your needs

Equipped with our 90,000 ft² feet warehouse at Sungei Kadut in Singapore, we are always well-stocked with products in our product ranges because we understand the urgency of your production schedule.

Impressive fleet for impressive speed

Our entire feet of lorry cranes, flatbeds, and prime movers allows us to rapidly react to your orders, ensuring that your products get from port to production as soon as possible.

International customers can take advantage of Singapore's world-class port facilities and trade agreements.



Committed to the Environment

NS Trading recognizes that environmental issues are global in scale and are long-term matters affecting future generations.

As a company that is involved with forestry products, we believe that through our business, it is our responsibility to ensure the preservation of natural woodlands.

Through sound business activities, and ensuring sustainable forestry practices in our supply chain, we strive to achieve sustainable development aimed at symbiosis between social and economic progress and environmental preservation, while promising the best value and lowered costs for our valued customers.

Proud Member of:



