

شركة مجموعة نبراس المعادن المحدودة
NIPRAS METAL GROUP COMPANY Ltd.



DATASHEET

PLYWOOD



ABOUT US.

Nipras Metal Group is a diversified private enterprise and a Saudi organization established in 2010 with a vision to be a preferred partner for our valuable clients in supplying quality and cost effective building construction and Architectural engineering solutions. Since the establishment of Nipras, we have been partnered with major organizations in the kingdom to consistently serve their projects and, we have engaged closely with many key contractors and consultants by meeting their expectations in providing high-quality and certified construction and Architectural products. **Nipras group** operates its business units from three divisions in manufacturing, supplying and sub-contracting of various Architectural products such as Roof Hatch Access, Gratings, Railings, Raised Floors, Garbage Chute System, Cable tray management solutions, and all types of stainless steel & metal fabrication and other building construction materials. The company has two production lines of Architectural products and cable management systems.



At **Nipras** we always strive hard to supply and meet our client's requirements with high-quality products quickly and efficiently. The company adopts modern management concept, adheres to survival by quality and development by integrity, and gradually boarded the local competition platform. We rely on service to enhance the client relationship, sincerely create value for customers, and provide customers with high-quality and reliable products and wholehearted service. Our company has advanced production equipment which guarantees the most advantageous product quality and efficiency.



SOCIAL RESPONSIBILITY.

We "**NIPRAS**" ability to sense, understand and react to others emotions while comprehending on social networks. (Social awareness which encompasses the competency of empathy is the ability to read nonverbal cues for negative emotions, particularly anger and fear and to judge the trustworthiness of others.

It is about understanding others feelings, not experiencing them (Garner, 2009). NIPRAS accentuates on an individual's ability to identify, perceive and react to other's emotions while being a part of the social network circuitry. NIPRAS understand the ability to and be compassionate to the feelings, views, opinions and challenges of other people. Social-awareness cannot only be equated with understanding people's need but as well as caring for them (Goleman, 2006).

CUSTOMERS

A business cannot work without consumer. The survival and growth of business depends on consumer satisfaction, service and support.

"NIPRAS" winning the confidence of our customers made it possible by following a positive attitude towards customers and fulfilling our social responsibilities by providing them:

- ✓ Quality
- ✓ Fair Prices
- ✓ Honest advertising
- ✓ After sales service.
- ✓ Research & Development for their requirements.
- ✓ Safety.
- ✓ Regular supply.

EMPLOYEES

At **NIPRAS** we empower our employees to leverage the corporate resources at their disposal to do well. Being a socially responsible company can bolster a company's image and build its brand.



CIVIL SOCIETY

According to the Saudi Youth in Numbers report, **37%** of the Saudi population is under 25. This entails that the youth will play a more significant role in undertaking the paths set by Vision 2030 and inheriting the future it's attempting to build.

NIPRAS gives our platform to the young for developing their sense of civic responsibility, involvement, and interconnectedness. Opportunities to equip the upcoming generation with the necessary skills and motivation to become active participants in their communities.

ENVIRONMENT

NIPRAS understands the nature of the relationship between corporate adoption of the concept of societal responsibility availability of environmental awareness, clear vision of the impact of societal responsibility on financial performance, managers informing employees of the latest developments in societal responsibility programs, managers' response to their corporate social responsibility (CSR) proposals] in the form of an annual report that supports the success of the company's objectives, the company's management encourages employees to participate collectively in societal responsibility programs and to protect the environment from pollution in the industry.



HEALTH & SAFETY.

"NIPRAS" as a manufacturing Company for Metal & Steel Products has a large number of hazards because of the strong internal as well as external forward and backward linkages in terms of material flows. Employees are to work in hazardous environment because of complicated equipment layouts, high temperatures, heavy equipment's, moving machinery, hazardous processes, heavy lifting and movements of materials in the work environment etc. Further, several operations involve working at heights or in confined spaces. In short, working involves both very high volume as well as the complexity of operations which results into employees getting exposed to a high level of health and safety risks.



The health, safety, and protection of our employees, equipment, and the environment are perfectly calculated and implied as a crucial since it affects both economic and social factors. On the other hand, a healthy and safe workplace contributes towards plants competitiveness as well as in profit growth.

PLYWOOD.



Plywood is a sheet material manufactured from thin layers of 'plies' of wood glued together with strong adhesive, made with either softwoods or hardwoods, depending on the wood used. NMTE offer a variety of plywood products which are more often used in construction like Marine plywood and Commercial plywood. However, other common types of plywood are used for joinery work with an aesthetic veneer on top

COMMERCIAL PLYWOOD.

Commercial Plywood is an engineered product made from three or more thin sheets of wood also known as 'plies'. These are glued to form a thicker, flat sheet called plywood. The logs required to make plywood are first prepared by steaming or dipping them in hot water. The logs are fed into a lathe machine, which helps to peel the logs into thin plies of wood. Each plywood sheet is between 1 and 4mm thickness.



APPLICATION OF COMMERCIAL PLYWOOD IN THE BUILDING INDUSTRY:

For partition walls
 For furniture such as kitchen cabinets cupboards, and office tables
 For making shutters and light doors

COMMERCIAL PLYWOOD – SIZE DETAILS:

Standard size: 4' x 8'
 Common thicknesses: 3.6 mm, 5.2 mm, 9 mm, 12 mm, 18 mm.

COMMERCIAL PLYWOOD SPECIFICATION

Product Name	Commercial Plywood	Density (kg/m ³)	500–630
Brand	Nipras Metal Trading Est.	Moisture Content (%)	8–12
Size (mm)	1220 x 2440 /915 x 2135/1250 x 2500 /upon request	Standard Packing	Inner Packing – Pallet is covered with 0.2mm plastic cover
Thickness (mm)	1.8–25		Outer Packing – Pallet is covered with Plywood/MDF/Carton Box and secured with 8 x 4 x 2 steel straps
Thickness Tolerance (mm)	+/- 0.2 (thickness ≤6), +/- 0.3-0.5 (thickness ≥7)		
Face/Back	Okoume/Bintangor/Pine/Birch/Poplar/Red Cedar.etc	Loading Quantity	20' GP– 8 Pallets (22m ³) / 40' HQ – 18 Pallets (50m ³)
Surface Treatment	Sanded/ Non-Sanded	MOQ	1 x 20' GP per size
Face veneer cut type	Rotary Cut/ Upon Request	Supply Ability	8000m ³ /month
Core	Poplar/ Combi/Eucalyptus Hardwood	Payment Terms	Telegraphic Transfer (TT) / Letter of Credit (LC)
Glue emission level	Carb P2 (EPA), E0, E1, E2	Delivery Time	2–3 weeks upon advance TT / LC received
Grade	Carpentry/Furniture/ Overlay/BBCC/Utility/Packing	Certification	ISO/CE/CARB P2/FSC/SGS

MARINE(CONSTRUCTION) PLYWOOD.

NIPRAS Marine Plywood is produced with Okoume throughout veneer. It performs longer and wet conditions and also resists to delaminating because of its excellent stability, durability and physical and mechanical resistance.

It has much resistance in environments with a high level of humidity and gluing is suitable for exterior applications.

APPLICATION

OF

MARINE PLYWOOD

Marine plywood is highly recommended for nautical construction and boatbuilding. It's the ideal product for structure and interior boats, yachts, decorations and design. Also is usually used in automotive sector, exterior joinery, musical instruments, manufacturing outdoors, leisure sector.

Construction uses:

Formwork for moulding wet concrete
Part of flooring
Shutters for concreting

Properties:

Marine Plywood must use an adhesive which has been proven to be highly resistant against different environments.

Multi-Ply construction according to British Standard (BS1088)

- Each face veneer shall be a minimum of 1.3mm and not thicker than 3.8mm.
- Each core veneer shall be no thicker than 4.8mm.

TECHNICAL FEATURES	Standard	Unit	Value
Gluing	EN 314		Class 3
Voluminal mass	EN 323	Kg/m ³	500 +/-10%
Dimmensional Tolerances			
Thickness	EN 315	mm	+(0.2 + 0.03t) ; (-0.4 + 0.03t)
Lenght/Widht	EN 315	mm	+/- 1
Orthogonality	EN 315	mm/m	1
Moisture	EN 322	%	8÷12

GRADES	According to BS 1088
A	Face and back veneers practically free from defects
A/B	Face veneers practically free from all defects. Reverse veneers with only a few small knots or discolorations.
B	Both side veneers with only a few small knots or discolorations
B/BB	Face veneers with only a few small knots or discolorations. Reverse side permitting jointed veneers, large knots, plugs ...
BB	Both sides permitting jointed veneers, large knots, plugs, etc
WG	Guaranteed well glued only. All broken knots plugged



شركة نبراس المعادن للتجارة
NIPRAS METAL TRADING Co.



مؤسسة نبراس المعادن للمقاولات
NIPRAS METAL CONTRACTING Est.



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