



PRODUCT DATA SHEET

Plyman Nature NAF

Poplar Plywood

No Added Formaldehyde

Our GREENEST Alternative!



Product Description:

Made of 100% poplar out of Northern Europe from controlled and sustainable forestry resources.

Plyman Nature Ply is a formaldehyde-free plywood using a non-toxic bonding innovation system, which enables this product to reduce formaldehyde emissions and help improve indoor air quality in **schools, homes, RV-Caravan, and offices**. This environmentally friendly adhesive, which is formulated with a **proprietary cross-linking resin and natural soy flour**, provides a **strong & moisture resistant bond**, without the use of formaldehyde. Plyman Nature Ply meets or exceeds Carb Phase 2 (California Air Resource Board), (Japanese Industry JIS), AS/NZS (Australia-New Zealand) formaldehyde emission standards.

Specie: 100% European Poplar

Glue Bond: Soy-based Resin, Formaldehyde free

Emission: FSC, Phase 2 Carb. Certification

Grades: Face grades B/BB

Environmental Certification: FSC, PEFC, EPD® NAF Cert, CARB-NAF Cert

Applications*:

With its lightweight, surface quality, easy-to-machine, and easy-to-transport characteristics, it can be specified to be used in **Automobile, Boat Building, Interior fit out, Furniture making, Public spaces, Construction, or Decorative purposes**.

Because it's manufactured without the added formaldehyde, this is the ideal product to be used in school, early childhood education sector or any residential & commercial spaces which provides the best environment possible.

Sizes

Dimensions

Sheet Thickness

No. of Layers

Weight

2500 x 1220	12mm	7	15.40kg
2500 x 1220	15mm	7	18.50kg
2500 x 1220	18mm	9	23kg
3050 x 1300	12mm	7	19.20kg
3050 x 1300	18mm	9	35kg

Technical Data

	Values	Standard
Density (Kg/m ³)	400 ± 10%	UNE EN 323
MOE - Modulus of elasticity (N/mm ²)	>=3000	UNE EN 310
Moisture content (%)	8-12	UNE EN 322

Handling & application information:

Despite being a durable product, Plyman Nature Ply is still a natural timber product, which can be impacted by the weather conditions, e.g., the moisture & temperature changes. Fluctuation in moisture content and temperature may cause internal stress leading to previously flat sheet to bow. It's the user's responsibility to ensure the edges are sealed with a protective coating to give the product the necessary protection.

Once the panel has left our warehouse, we cannot guarantee the sheets to remain flat unless it's been stored on a firm raised based with enough support to prevent sagging.

