

PRODUCT DATA SHEET

Plyman Nature NAF Ply



No Added Formaldehyde

Plywood Free to Breathe Better!



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 AirResource 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/C

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 base with enough support to prevent sagging.