



FORTE



PANGUANETA

Plywood For Life



Images Credits & Property: Legnoquadro (a division of Legnolandia)

FORTE

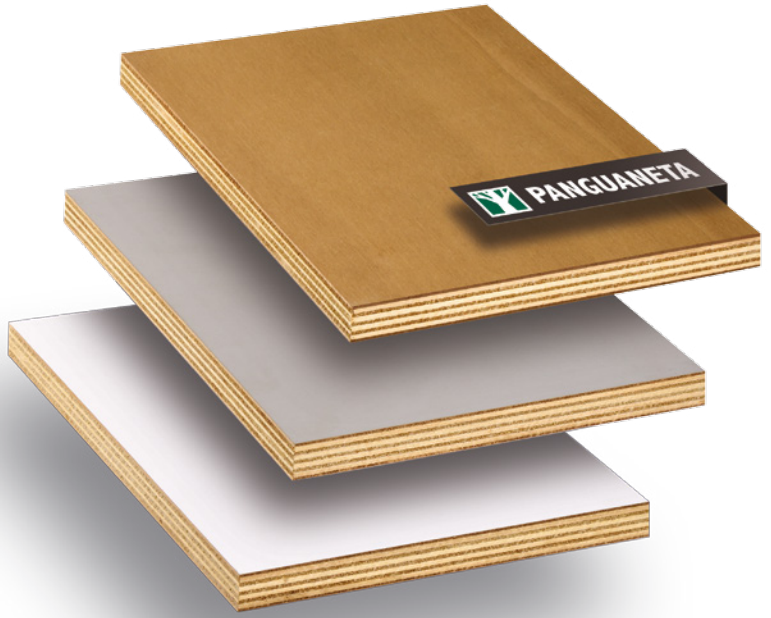
POPLAR PLYWOOD

FORTE has been developed as an alternative to solid wood and exotic plywood, to improve the standard properties of poplar plywood and prevent decay.

The advantages of **FORTE** are represented by the characteristics of Panguaneta poplar plywood: quality, stability, lightweight, easy machining, finishing and handling.

FORTE is part of our Project range and available in 3 different versions:

- Forte:** poplar plywood
- Forte-Prime:** paper coated 2 sides
- Forte-Paint:** MDO coated 2 sides



APPLICATIONS

- **Wooden houses**
- **Urban furniture**
- **Marine industry**
- **Balconies**
- **Playgrounds**
- **Garden structures**
- **Packaging**

and any use where an exterior application might be required.

DURABILITY PERFORMANCE

FORTE is proved to be durable to wood decay agents and most of factors responsible for the degradation of wood: biological, chemical, physical, thermal, mechanical.

FORTE is an innovative product, developed thanks to the continuous research on technologies applied to our standard ranges, and responds to the demand of high resistant quality products.

FORTE is now available to satisfy the demand for applications in building and furniture where external agents, fungal attacks, sun, snow and air express their full strength.

FORTE is available to respond durability class 3 according to European Standards EN 350 and related to wood-destroying fungi, termites and marine organism.

COMPOSITION

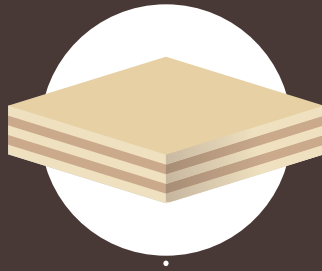


OUTER FACES
Poplar or Poplar overlaid with paper or MDO

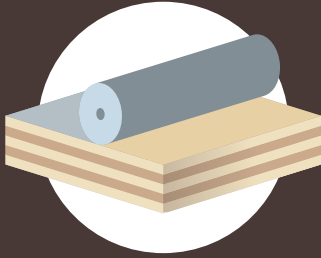


INNER CORE
Poplar

FORTE



FINISHING

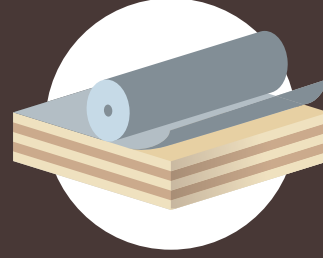


FORTE PRIME

Coated on both sides with a ready-to-paint melamine paper providing a smooth, uniform and light colored surface. Designed for both interior and exterior applications. It provides excellent adhesion with most of the standard latex, alkyd and oil based paints. It provides an exterior surface with excellent durability and resistance to moisture absorption. This product effectively masks minor panel defects and provides a machinable surface.

Paper colour: **white**

Paper weight: **200 g/m²**



FORTE PAINT

Coated on both sides with an advanced paintable Medium Density Overlay (MDO) system providing a smooth, uniform and light colored surface. Designed for severe exterior applications, and guaranteed for 10 years based on best practice respect. This product has been developed with the application of a thermoset acrylic latex primer topcoat that is compatible and provides excellent adhesion with most of the standard latex, alkyd and oil based paints. It provides an exterior surface with excellent durability and resistance to moisture absorption.

Paper colour: **grey**

Paper weight: **200 g/m²**

TREATMENT PROCEDURE

The unique characteristics of **FORTE** are achieved through an innovative non-toxic vacuum pressure impregnation process, improving the resistance to UV, moisture, decay and insect attack.

FORTE is tested according to AATCC 30 - Antimicrobial Test Antifungal Activity - to determine the susceptibility of the materials to mildew and rot and to evaluate the antimicrobial efficacy of fungicides. Preservative- treatment processes do not alter the basic characteristics of plywood but do provide much improved service life for wood building materials in severe service conditions.

Properly preservative-treated wood can have 5 to 10 times the service life of untreated wood.

TECHNICAL FEATURES

Size	2500 x 1220 mm	
Thickness	9 to 40 mm	
Glueing	Class 3	UNI EN 636-3
Formaldehyde emission	E1 E05-D2020 (on request)	UNI EN 13986
Density	450 - 500 kg/m ³	UNI EN 320
Module of Elasticity	3500 - 5500 N/mm ²	UNI EN 322
Certifications	PEFC™ FSC® CE2 +	

APPLICATIONS



CLADDING



BALCONY AND OUTDOOR



ADVERTISING BOARDS



URBAN DESIGN



MARINE



GARDEN AND PLAYGROUND

Follow us on:
www.panguaneta.com

Wood is a natural material. Possible variations in appearance, color, texture and pattern are a characteristic of the product. Photos and images are not representative of the final product appearance. The data provided in this flyer are intended to be used as a guide and with no contractual value. It is the responsibility of the buyer to determine if the product is suitable for the required application, to ensure that both the place & form of use are appropriate and in accordance with the manufacturer's requirements and recommendations, and is in line with current regulations. Please check Panguaneta Best Practice for more details at: www.panguaneta.com



PANGUANETA
Plywood For Life

Panguaneta S.P.A. Via Gino Solazzi 19 - 46018 Sabbioneta (MN) ITALIA
Tel. +39 0375 223411 - sales@panguaneta.com