



QUALITY YOU CAN TRUST,
AT A PRICE YOU CAN AFFORD
AKÇA PLYWOOD



NEW GREATS OPPORTUNIT
FROM **TURKISH PLYWOOD**
MANUFACTURER THAT
BRINGS A STRONG RESOURCE
AND A CHALLENGE





ABOUT AKCA PLYWOOD.



In **1976** we started with the trade and production of timber and later on in 1997 **Mr. Cezmi Akca** laid foundation to our Corum factory

Our factory which started manufacturing **Plywood** in **1998** became the most trusted & desired brand in the region and known for not compromising our quality which is only possible due to our use of the best available material, high technology and most skillful hands.

Our company which has become the leading brand in the sector with over half a decade of experience has been and continues to serve our local and global customers by increasing our production capacity every year. Our products are mainly used in construction, automotive, marine etc..

We produce with materials obtained from the logs of our local forests such as Beech and Pine. We also import global exotic trees such as Birch, Alder , Okume, Tetra etc...

WHAT IS PLYWOOD ?

The basics you need to know about Plywood is that it's a sheet material which is brought to life by combining layers of wood veneer, which are glued together. Each adjoining layer is rotated up to 90 degrees in a process we call cross-graining. Why is this done? Well, the major reason is that it gives the product super strength. Thanks to cross-graining Plywood is able to resist splitting when nailed at the edges, minimise expansion and shrinkage and bump up its stability. Similarly, when cross-graining an odd number of layers will be used. This provides us with a balanced sheet that won't easily warp.

Plywood offers the following benefits:

Increased stability:

Plywood offers all the inherent advantages of the parent wood plus enhanced properties in its laminated structure.

High impact resistance:

Being a wood based material, plywood has the ability to accommodate the occasional short-term overload; up to twice the design load. This is useful where seismic activity or cyclonic winds can occur. This property is also effective when used as construction flooring or as concrete formwork. Plywood's laminated structure distributes loads from impact over a larger area on the opposite face, which effectively reduces the tensile stress.

Surface dimensional stability:

The cross laminated construction of plywood ensures that plywood sheets remain relatively stable under changes of temperature and moisture. This is especially important in flooring and formwork construction where moisture exposure is very likely.

Panel shear:

The panel shear of plywood is nearly double that of solid timber due its cross laminated structure. This makes plywood a highly effective material to use in gussets for portal frames, webs of fabricated beams and as bracing panels

High strength to weight ratio:

With high strength and stiffness to weight ratios, plywood is very cost effective to use in structural applications such as flooring, shearwalls, formwork and webbed beams.

Chemical resistance:

Plywood does not corrode and can be used in chemical works and cooling towers as a cost-effective, durable material when preservative treated.



FILM FACED PLYWOOD

FOR CONCRETE FORMWORK

Akca plywood products and solutions are widely recognized for their quality thanks to the usage of the best available raw material, their up-to date and technologically advanced production processes and for the decades of experience in manufacturing plywood.



Plywood can be easily customized into required / custom sizes.



Plywood Strong, durable and light-weight.



Provides smooth finish on the surface.



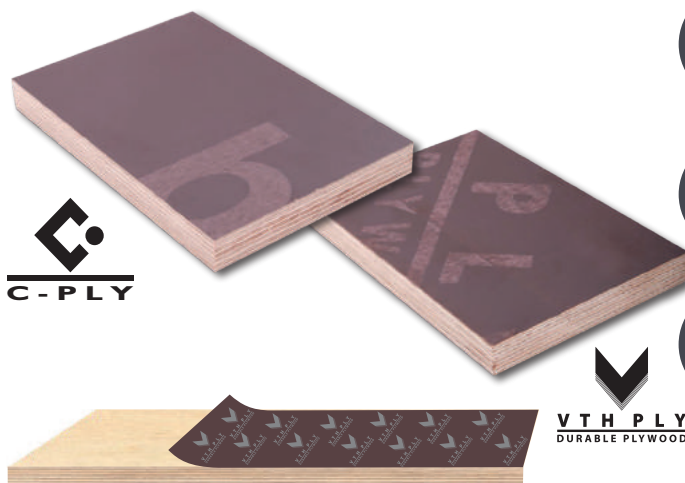
Very large sizes plywood sheets are available which makes the construction of formwork quicker and easier.



Curved formworks can also be prepared using plywood.



It can be used several more times in comparison to timber.



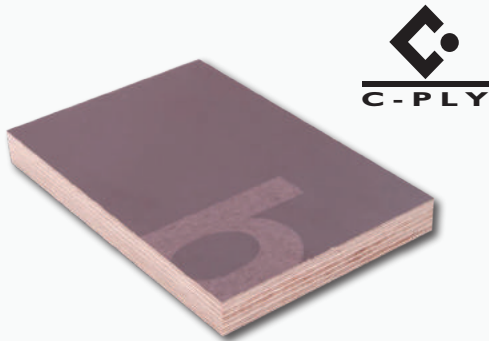
Akca FF PLY General Specification

Usage:	Outdoor , Formwork , Building Construction
Face:	Phenolic film , Black , Brown , Dark Brown
Thickness:	4 to 50mm (normal thickness : 18mm, 21mm)
Dimensions:	1250mmX2500mm , 1220mmX2440mm (or custom dimensions)
Core:	Birch / Pine / Poplar / Combi / Alder / Beech / Hardwood /
Edge Treatment:	Acrylic Water Proof Paint

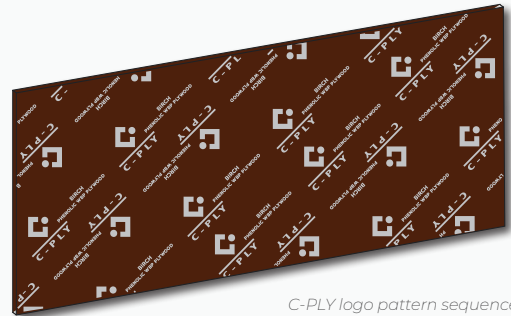
FILM FACED PLYWOOD

FOR CONCRETE FORMWORK

C-PLY is produced by completed birch wood. As a company, we produce row birch core veneers in our own plants in Ukraine and Russia. The type of glue we use in that WBP Phenolic glue. The surface of C-PLY is covered with phenolic brown film 125g /m2. C-PLY products with its durability in formwork concrete solutions, that will offer its user long usage



C-PLY ; Made from Birch Tree, this is a film faced plywood generally used for construction, formwork ...



C-PLY logo pattern sequence

Core: Birch

Dimensions: 2500x12500mm or 2440x1220mm

Glue: WBP Phenolic Glue

Surface: Phenolic Film 125g/m2

Density: 680-700kg/m3

Thickness: 18-21mm

VTH-PLY It is produced from pine tree. According to the customer's request, may be a combination with poplar tree. We obtain our row materials needs of pine and poplar that own forests of Turkey . The type of glue we use in that WBP Phenolic glue. The surface of C-PLY is covered with phenolic brown film 125g /m2. VTH-PLY is an economical and convenient choice for formwork concrete solutions.



VTH-PLY ; Made from Birch Tree, this is a film faced plywood generally used for construction, formwork ...



VTH-PLY logo pattern sequence

Core: Pine or Poplar Combi

Dimensions: 2500x12500mm or 2440x1220mm

Glue: WBP Phenolic Glue

Surface: Phenolic Film 125g/m2

Density: 500-650kg/m3

Thickness: 18-21mm

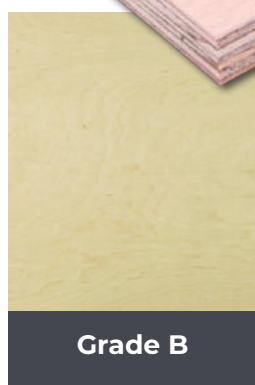
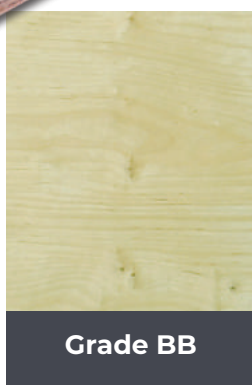
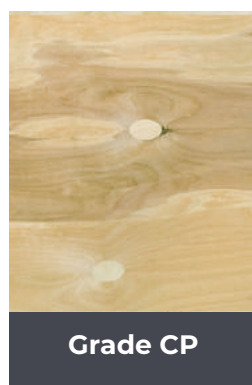
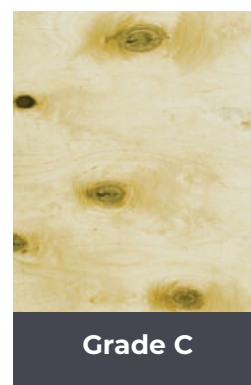
GENERAL PURPOSE

AKCA GP PLYWOOD

Standard plywood boards are composed of an odd number of thin veneers glued together under pressure with the grain of successive layers in opposing directions.



We can produce general purpose / decorative plywood in various thicknesses ranging from 2mm to 50mm and from various trees (Pine, Birch , Spruce , Alder etc...) We can also produce in custom sizes and thicknesses and produce with custom layers. Our factory produces custom plywood with a maximum size of 11500x2700mm.

**Grade B****Grade BB****Grade CP****Grade C**

Akca GP PLY General Specification

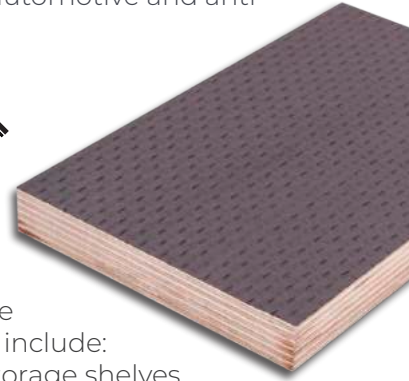
Usage:	Outdoor, Indoor, Furnitures, Cabinets, Floor Structures, Etc.
Grade:	B / BB / CP / C
Thickness:	4, 6.5, 9, 12, 15, 18, 21, 24, 27, 30, 35, 40, 45, 50
Dimensions:	1250mmX2500mm , 1220mmX2440mm (or custom dimensions)
Core:	Birch / Pine / Poplar / Alder / Beech / Okume / Eyang / Ozigo
Glue:	WBP Phenolic EI , MR Glue

AKCA WIREMESH PLY

ANTI SLIP & FLOORING

Wiremesh is a plywood covered with a 250g/m² phenol film on its front side and a 125g/m² phenol film on its back side. This plywood is generally used for truck flooring, automotive and anti slip flooring.

AKCA WIREMESH



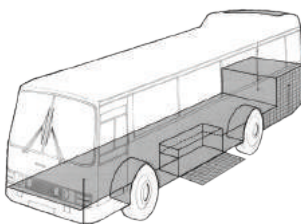
The specific end-use of Akca Wiremesh is truck and trailer flooring. The other possible applications include: storage and factory floors, storage shelves, loading platforms, pier surfaces, scaffoldings, playgrounds and flight cases. In general – surfaces where high wear resistance, good anti-slip properties and pleasant visual appearance are required.

AKCA HEXA



Hexagonal texture on the surface of Hexa Plywood is the most important difference. This texture prevents the accumulation of dirt and dust on the surface of hexa plywood and provides easier cleaning. The edges of the Hexa Plywood product are insulated with a special epoxy paint which are important to increase the endurance strength of the product.

AKCA SOUND



Akca Sound



Akca Sound Plywood, has a special material to prevent sound and vibration in areas where the product is applied. This product is generally used in the automotive industry and the most common usage area is at the base of the driver & passenger carrying seat cabin.

CONTACT US



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