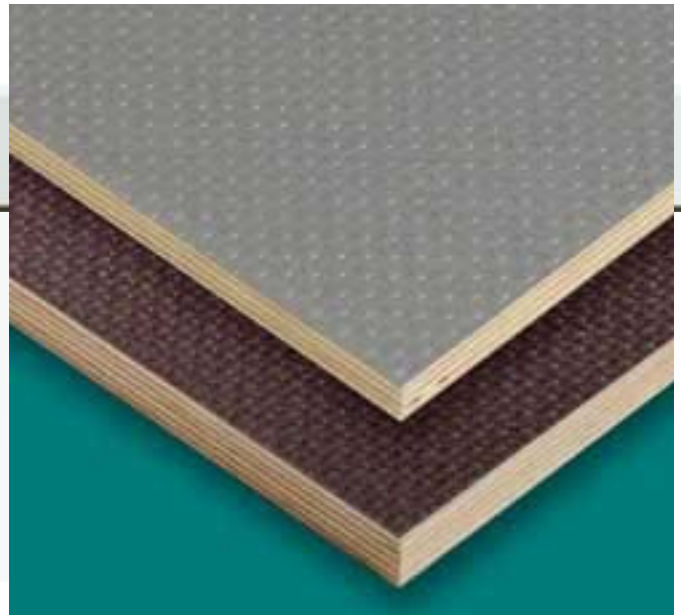


# FINNFOREST FLOOR

## PRODUCT

FINNFOREST Floor is an edge sealed plywood with a multi-layer wire mesh overlay and a smooth, phenolic film-overlaid reverse. There are two overlays available: tight mesh FINNFOREST Floor 500 and loose mesh FINNFOREST Floor 700. The rough surfaced FINNFOREST Floor is a heavy-duty flooring panel for applications requiring a reliable, long-lasting anti-slip surface.



## BASE PLYWOOD

The base plywood of **FINNFOREST Floor** is FINNFOREST Birch, which is bonded with a weather and boil-resistant phenolic resin adhesive.

## OVERLAY

A durable multi-layer overlay impregnated with phenolic resin is hot-pressed onto the panel wear surface. At the same time, a wire mesh pattern is imprinted on the overlay to provide an effective anti-slip surface. The reverse side has a smooth phenolic film overlay. The overlay weights are as follows:

	<b>Floor 500</b>	<b>Floor 700</b>
Wire mesh surface	500 g/m <sup>2</sup>	700 g/m <sup>2</sup>
Reverse	120 g/m <sup>2</sup>	220 g/m <sup>2</sup>

## COLOUR

Both surfaces are dark brown. Grey can also be special ordered.

## EDGE SEALING

Edges are sealed with a brown or grey acrylic paint.

## WIRE SURFACE PROPERTIES

The panel has a rough, hard surface, whose thick multilayer overlay can withstand highly abrasive and rolling wear. Moisture absorption is minimal. FINNFOREST Floor is resistant to commonly used chemicals and diluted acids and alkalis. The surface is easy to clean with water or steam.

**Roller test with 200 kg weight:** approx. 9000 revolutions (birch)

**Abrasion resistance/Taber:** Floor 500 approx. 3200 revolutions Floor 700 approx. 4300 revolutions

## FORMALDEHYDE EMISSIONS

Determined according to EN 717-2, the formaldehyde emitted by FINNFOREST Floor panels is 0.3 mg HCHO/h.m<sup>2</sup>, which falls below the Class E1 requirement of 3.5 mg HCHO/h.m<sup>2</sup>.

## BONDING CLASSES

Standard plywood panels are bonded with phenolic resin adhesive (WBP, BFU, AW, exterior), are resistant to weather and boiling water, and meet the following international bonding standards: SFS-EN 314-2/Class 3, (former) BS 6566 Part 8/type WBP, DIN 68705/BFU 100. The panel also meets EN 636-3 standard requirements.

## PANEL STRENGTH PROPERTIES

FINNFOREST Floor strength and elastic properties are practically identical to standard plywood types. Panel strength and elastic properties can be found in the Metsäteollisuus ry Plywood Handbook.

## THICKNESSES, NUMBER OF PLYS AND TOLERANCES

mm	9	12	15	18	21	24	27	30
number of plies	7	9	11	13	15	17	19	21
maximum, mm	9,5	12,5	15,3	18,1	20,9	23,7	26,8	29,9
minimum, mm	8,8	11,5	14,3	17,1	20,0	22,9	25,2	28,1

## SIZES

1200x1200/1500/2400/3000 mm  
 1220x1220/1525/2440/3050 mm  
 1250x2500 mm  
 1500x1500/2500/3000 mm  
 1525x1525/2440/3050 mm  
 Other sizes available by order.

## TOLERANCES

Measured in accordance with standard SFS-EN 324, the plywood size and squareness tolerances meet SFS-EN 315 requirements and, in certain instances, exceed them.  
 The maximum standard thickness is 30 mm.

	Size tolerance	Other tolerances
Length/width (mm)	mm	
<1000	±1	Squareness ±0.1%
1000-2000	±2	Edge straightness ±0.1%
>2000	±3	

## PACKING

**Plywood panels are packed on pallets as follows:**

Panel size, mm	mm	Number of panels per pallet (by thickness)							
		9	12	15	18	21	24	27	30
1500/1525 x 2400...3050									
1200/1220/1250 x 3000...3050	pcs	65	50	40	35	30	25	25	20
1500/1525 x 1500...2135									
1200/1220/1250 x 1200...2700	pcs	100	75	60	50	45	40	35	30

The approx. gross weight of a plywood pallet is 710 kg/m<sup>3</sup>.

## QUALITY CONTROL

In addition to Finnforest's own quality control, the Technical Research Centre of Finland (VTT) oversees production operations and their internal quality control at Finnforest plywood mills, and makes continuous strength specifications and inspections. External plywood quality control will continue to be conducted in accordance with CE standards. The EN ISO 9001:2000 Quality Management system is also applied.

## APPLICATIONS

Vehicle floors, pedestrian bridges, parking facilities, warehouse and factory hall floors, warehouse shelves, loading docks, ship decking. In general applications that require highly wear-resistant and rough surfaces.

## FURTHER INFORMATION

*Finnforest Plywood Brochure*  
*Finnforest Plywood Handbook (1997)*  
*Vanerikäsikirja (Plywood Handbook), Metsäteollisuus ry, 2001*  
[www.finnforest.com](http://www.finnforest.com)

Finnforest plywoods are manufactured with the industry's best, most reliable methods and materials. Product development keeps pace with developments in technology and raw materials. Finnforest offers the customer state-of-the-art products and is actively involved in product development. As Finnforest reserves the right to alteration of its products and the materials used in them without consulting other parties, existing product information is subject to change.