

<i>Name of document</i> Declaration of performance Vänerply non-structural plywood	<i>Document no.</i> CPR241	<i>Page</i> 1 of 3
<i>Established by</i> Fredrik Stridh	<i>Version</i> 2	
<i>Approved by</i> Magnus Ingves	<i>Replaces edition</i> 2013-10-25	<i>Date</i> 2022-09-27

## DECLARATION OF PERFORMANCE CPR241

### 1. Unique identification code of the product and type

- Vänerply Byggplywood
- Vänerply III/III

### 2. Product

CE-marked softwood plywood, EN 636-2 NS according to EN 13986:2004+A1:2015.

### 3. Intended use of the construction product

Non-structural plywood intended for general purposes.

### 4. Manufacturer

Company: Moelven Vänerply AB  
Address: Industrivägen 10, 547 81 Otterbäcken, SWEDEN  
Phone: +46 10 122 66 00  
E-mail: info.vanerp@moelven.se  
Web site: www.moelven.com

### 5. System of assessment and verification of constancy of performance of the construction product

System 4.

Production consists of relatively standardized products with well-known and constant characteristics. To check and ensure that the performance of products matches the values declared below, we have a quality control system. No third part (certification organization) is required for assessment system 4.

### 6. Certification and declared performance according to the harmonized standard

Declaration of performance in accordance with the harmonized standard EN 13986:2004+A1:2015.

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## 7. Declared performance

Essential characteristics	Declared performance		
	End use condition	Minimum thickness	Fireclass excluding floorings
Reaction to fire	With or without air gap	≥9 mm	D-s2,d0
Mean density	485 kg/m <sup>3</sup>		
Bonding quality	3 (according to EN 314-2)		
Durability (moisture resistance)	Climate class 2 (according to EN 1995-1-1) Use class 2 (according to EN335:2013)		
Water vapour permeability	Wet 68μ / Dry 194μ		
Sound absorption	0,1/0,3		
Release of formaldehyde	E1		
Content of pentachlorophenol	NPD (no performance detected)		
Thermal conductivity	0,13 W/mK		
Sound absorption	NPD (no performance detected)		
Bending strenght	See attached table (annex 1)		
Bending siffness (moduls of elasticity)	NPD (no performance detected)		

## 8. Relevant essential characteristics

The property of the product declared in section no.1 and 2 is in accordance with the property stated in section no.7. This declaration of performance is prepared under the responsibility of the manufacturer specified in Section No. 4.

Otterbäcken, 2022-09-27  
Magnus Ingves, CEO

  
.....  
(signature)

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## Annex 1

Manufacturer: **Moelven Vänerply AB.**

Plywood according to EN 13986:2004+A1:2015 in accordance with EN 636:2012+A1:2015. For use in class 1 and 2 according to EN 1995-1-1.

The following characteristic values are produced through tests and calculations for unsanded plywood.

### Characteristic strength of the product (N/mm<sup>2</sup> or MPA) and density (kg/m<sup>3</sup>)

Nominal thickness	Number of plies	Density	Bending	
			$f_{m,0}$	$f_{m,90}$
9 mm	3 pcs	420	10	NPD
12 mm	3 pcs	420	10	NPD
12 mm	5 pcs	420	12	NPD
15 mm	5 pcs	420	12	NPD
18 mm	5 pcs	420	12	NPD
21 mm	7 pcs	420	11	NPD
24 mm	7 pcs	420	12	NPD
27 mm	9 pcs	420	10	NPD