

CLIMATE DECLARATION FOR

SYPLY PLYWOOD UNCOATED, SYPLY PLYWOOD COATED SMOOTH,
SYPLY PLYWOOD COATED MESHED

Functional unit: 1 m³ of plywood with average density of 680 kg/m³

The climate declaration shows the emissions of greenhouse gases, expressed as CO₂-equivalents. It is based on verified results from a lifecycle assessment (LCA) performed as basis for an EPD®, in accordance with ISO 14025 and EN 15804



Information about the product

Plywood are commonly used in building, monolithic house building, transport machinery, in production, furniture manufacture, playground, equipment, shipbuilding, exterior design, interior design, packaging, souvenir products and other applications.

Information about the company

Syktyvkar Plywood Mill LTD is one of the largest Russian manufacturers of wood based panels. It has held leading positions for over 45 years. The mill offers consumers a large variety of high-quality plywood products, premium class laminated chipboard with unique embossing, a wide range of decors and perfectly matched edgebands.

The company's mission is to build its business based on efficient, reliable and safe production and a responsible attitude to social and environmental problems. The company follows global trends in the furniture industry and strives to be a unique product manufacturer in the global market.

Climate declaration

The table below shows the carbon footprint of the product, calculated as carbon dioxide equivalents (kg CO₂ eq.) for 1 m³ of plywood with average density of 680 kg/m³.

	Plywood, uncoated							
	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP-fossil	4.74 E+02	1.05 E+02	9.40 E-01	0.00 E+00	1.54 E+01	4.92 E+00	1.84 E+02	- 9.03 E+00
GWP-biogenic	2.37 E+01	6.10 E+00	7.42 E+00	0.00 E+00	8.92 E-01	3.89 E-01	1.69 E+02	- 1.51 E-01
GWP-luluc	2.18 E-01	4.04 E-01	9.31 E-04	0.00 E+00	5.90 E-02	1.50 E-02	1.70 E-01	- 1.81 E-03
GWP-total	4.98 E+02	1.12 E+02	8.36 E+00	0.00 E+00	1.63 E+01	5.32 E+00	3.53 E+02	- 9.18 E+00

EPD PROGRAMME: THE INTERNATIONAL EPD® SYSTEM		REGISTRATION NO: S-P-02302	VALIDITY: 2028-01-08
PCR 2019:14 (1.2)	UN CPC: 4412	PCR REVIEW CONDUCTED BY: THE TECHNICAL COMMITTEE OF THE INTERNATIONAL EPD SYSTEM	
INDEPENDENT VERIFICATION OF THE DECLARATION AND DATA, ACCORDING TO ISO 14025: EXTERNAL VERIFIER: INDEPENDENT VERIFIER DR HÜDAI KARA, METSIMS SUSTAINABILITY CONSULTING		ACCREDITED / APPROVED BY: THE INTERNATIONAL EPD SYSTEM	
CLIMATE DECLARATIONS FROM DIFFERENT PROGRAMS MAY NOT BE COMPARABLE			
THIS CLIMATE DECLARATION ONLY ADDRESSES ONE IMPACT CATEGORY AND DOES NOT ASSESS OTHER POTENTIAL SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACTS ARISING FROM THE PROVISION OF THIS PRODUCT. THESE ASPECTS MAY BE OF EQUAL OR GREATER IMPORTANCE THAN THE IMPACT CATEGORY DISPLAYED			

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Plywood, coated smooth								
	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP-fossil	4.98 E+02	8.46 E+01	3.43 E-01	0.00 E+00	5.61 E+00	1.80 E+00	6.70 E+01	- 3.29 E+00
GWP-biogenic	3.51 E+01	4.90 E+00	2.71 E+00	0.00 E+00	3.25 E-01	1.42 E-01	6.18 E+01	- 5.52 E-02
GWP-luluc	2.37 E-01	3.25 E-01	3.40 E-04	0.00 E+00	2.16 E-02	5.48 E-03	6.22 E-02	- 6.60 E-04
GWP-total	5.34 E+02	8.98 E+01	3.05 E+00	0.00 E+00	5.96 E+00	1.94 E+00	1.29 E+02	- 3.36 E+00

Other environmental impacts

For the full EPD, see
www.environdec.com and
www.epdrussia.org.

Contact information

<https://www.plypan.com/>
+7 (8212) 29-38-45

Plywood, coated meshed								
	A1-A3	A4	A5	C1	C2	C3	C4	D
GWP-fossil	4.89 E+02	1.46 E+02	3.43 E-01	0.00 E+00	5.61 E+00	1.80 E+00	6.70 E+01	- 3.29 E+00
GWP-biogenic	3.27 E+01	8.46 E+00	2.71 E+00	0.00 E+00	3.25 E-01	1.42 E-01	6.18 E+01	- 5.52 E-02
GWP-luluc	2.05 E-01	5.61 E-01	3.40 E-04	0.00 E+00	2.16 E-02	5.48 E-03	6.22 E-02	- 6.60 E-04
GWP-total	5.23 E+02	1.55 E+02	3.05 E+00	0.00 E+00	5.96 E+00	1.94 E+00	1.29 E+02	- 3.36 E+00

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THE INTERNATIONAL EPD SYSTEM

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