



PLYWOOD

BIRCH Fire Retardant Ecologic Plywood DATA SHEET

PRODUCT BIRCH FREP		SURFACE APPEARANCE		SIZES	
FREP is manufactured of birch veneers. Veneer layers are glued together with weather resistant glue. FREP is a multipurpose product of high quality for various applications, e.g. in vehicles, shipbuilding, construction and furniture. Strong standard construction can be optimised even further by using strength oriented construction. Due to its light, smooth and even surface FREP offers also an optimal base for different overlaying methods.		Available surface qualities S (II), BB(III) or WG(IV). S and BB are for end use where sound surface appearance is required. WG is for end use where the technical properties of birch are needed.		Size along surface grain direction: 1220, 1250, 1500, 1525 mm Size cross surface grain direction: 2440, 2500, 3000, 3050 mm	
THICKNESS AND TECHNICAL PROPERTIES			DIMENSIONS TOLERANCE ACCORDING TO EN 315 I EN 324		
NOMINAL THICKNESS	TOLERANCE	WEIGHT	BENDING STRENGTH	ELASTICITY MODULUS	
[mm]	[mm]	[kg/m ²]	[N/mm ²]	[N/mm ²]	
12	11,5-12,5	8,2	42,9	10 720	
15	14,3-15,3	10,2	41,3	10 316	
18	17,1-18,1	12,2	40,2	10 048	
21	20,0-20,9	14,3	39,4	9 858	
24	22,9-23,7	16,3	38,9	9 717	
27	25,2-26,8	18,4	38,4	6 607	
30	28,1-29,9	20,4	38,1	6 519	
*95% of panels have greater strength properties					
EMISSION CLASS (EN 717-1)		GLUING CLASS (EN 314-2)		FIRE CLASS (EN 13986:2004+A1:2015)	
½ E1		3		B-s1,d0	
			STRAIGHTNESS AND RECTANGULARITY TOLERANCE ACCORDING TO EN 315 I EN 324		
			TOLERANCE		
			EDGE STRAIGHTNESS		
			RECTANGULARITY		
			TOLERANCE		
			± 0,1% lub ± 1mm/m		
			± 0,1% lub ± 1mm/m		
			OPTIONS		
			CNC OPERATIONS		
			VENEERING		
			LAQUERING		

* The EPD certificate is available for raw plywood and the BURNBLOCK flame retardant.



COMPANY EUREX
Plywood BIRCH FREP
12 mm
B-s1,d0

This product is treated with Burnblock®

Burnblock® Fire Retardant Powder is Cradle to Cradle Certified® at the Gold Level.

