

WELDE BULGARIA AD
EN 13986:2004+A1:2015
EN 636 -3S
PINE Plywood
GEKO

plywood testing

Lot 21-1

Date: 11.01.2021

Indicators	Dimension	Result	Class
Thickness	mm	21.00	
Dimension	mm	2500/1250	
Cohesion strength of the layer		good	
Density EN 323	Kg/m3	615	
Moisture of boards EN 322	%		
Bending strength EN 310	N/mm2	46.49	30/20
- fm - 0 EN 636		34.26	
- fm - 90 EN 636			
Bending module of elasticity EN 310	N/mm2	5162	50/50
- Em - 0 EN 636		4719	
- Em - 90 EN 636			
Thermal conductivity	W/ [m.k]	0.13	
Water vapour permeability			
	wet		
	dry		
Reaction to fire		D- s2	
Release of other dangerous substances		NPD	
Airborne sound insulation (density)		NPD	
Bonding strength EN 314-2	N/mm2		3
-Pretreatment as per cl. 5.1		1.014	
-Pretreatment as per cl. 5.3		1.002	
-Pretreatment as per cl. 5.4		1.081	

Laboratory Chief : Angelova

Chief of Quality Control : p.eng. Yovevski



WELDE BULGARIA JSCo.