

# VigoTwinBirch





<b>Description</b>	Poplar plywood cores and birch outer faces, manufactured in compliance with current regulations								
<b>Use</b>	Furniture								
<b>Classification by face appearance</b>	Superior, Standard								
<b>Release of formaldehyde</b>	E1, CARB 2 , NAUF								
<b>Gluing class</b>	Class 1, Class 2	EN 314-2							
<b>Sizes</b>	252 x 125, 153 x 305 cm								
<b>Thicknesses</b>	from 3 to 40 mm	EN 315							
<b>Dimensional tolerances</b>	Length and width: +/-3,5 mm. Thickness +(0,2+0,03t); -(0,4+0,03t). Orthogonality: 1 mm/m	EN 315							
<b>Properties</b>	<b>Standard</b>	<b>Unit</b>	<b>Thicknesses - Plies</b>						EN 310
			<b>8/5</b>	<b>10/5</b>	<b>12/7</b>	<b>15/7</b>	<b>18/9</b>	<b>25/11</b>	
<b>Longitudinal flexural strength</b>	UNI EN310	N/mm <sup>2</sup>	30	28	27	24	25	29	
<b>Transverse flexural strength</b>	UNI EN310	N/mm <sup>2</sup>	28	24	27	28	22	29	
<b>Module of longitudinal flexural elasticity</b>	UNI EN310	N/mm <sup>2</sup>	3600	3500	3200	3000	2900	3300	
<b>Module of transverse flexural elasticity</b>	UNI EN310	N/mm <sup>2</sup>	3200	3100	3300	3800	3700	3200	
<b>Density</b>	440 kg/m <sup>3</sup> +/- 10%								EN 323
<b>Thermal conductivity</b>	0,12 W/m K								EN 12664
<b>Residual moisture</b>	8 / 12%								EN 322
<b>Reaction to fire</b>	D-s2,d0 - Dfl-s1 (for thicknesses > 9 mm)								EN 13501-1

The data in this sheet show approximate values obtained from internal testing on normal production. It is the buyer's responsibility to determine whether the products of E.Vigolungo SpA are suitable for the applications for which they are intended to be used and that the modes of transport and use comply with current regulations.