

Prime Plywood Handling and Storage

Plywood is a natural product that can be affected by humidity, causing previously flat sheets to bow or twist. It is the uneven exposure to humidity from one side of the sheet to the other which can cause issues, especially when used for free-standing kitchen doors.

We take all care to minimise this effect, however cannot be responsible for sheets once they leave our warehouse.

IMPORTANT: Where possible, plywood should be used as soon as it is received. If it needs to be stored, please keep it a cool and dry interior space. Store panels evenly and keep flat between the supplied protective cover sheets.



CoLab Architecture Ltd

Production Standard for Thickness Tolerance

Note that Prime Panels works to a thickness tolerance standard of <0.8mm for its plywood substrates. Below is the standard industry variation which indicates a higher level is acceptable above 4.5mm thickness.

Nominal thickness of plywood	Number of plies	Sanded plywood tolerance Min/Max (mm)	Unsanded plywood tolerance Min/Max (mm)
3.0mm	3	+0.3/-0.4	+0.4/-0.3
4.0mm	3	+0.3/-0.5	+0.8/-0.4
6.5mm	5	+0.4/-0.5	+0.9/-0.4
9.0mm	7	+0.4/-0.6	+1.0/-0.5
12.0mm	9	+0.5/-0.7	+1.1/-0.6
15.0mm	11	+0.6/-0.8	+1.2/-0.7
18.0mm	13	+0.7/-0.9	+1.3/-0.8
21.0mm	15	+0.8/-1.0	+1.4/-0.9
24.0mm	17	+0.9/-1.1	+1.5/-1.0
27.0mm	19	+1.0/-1.2	+1.6/-1.1
30.0mm	21	+1.1/-1.3	+1.7/-1.2

Source: EU Intergovernmental Standard GOST 3916.1-96