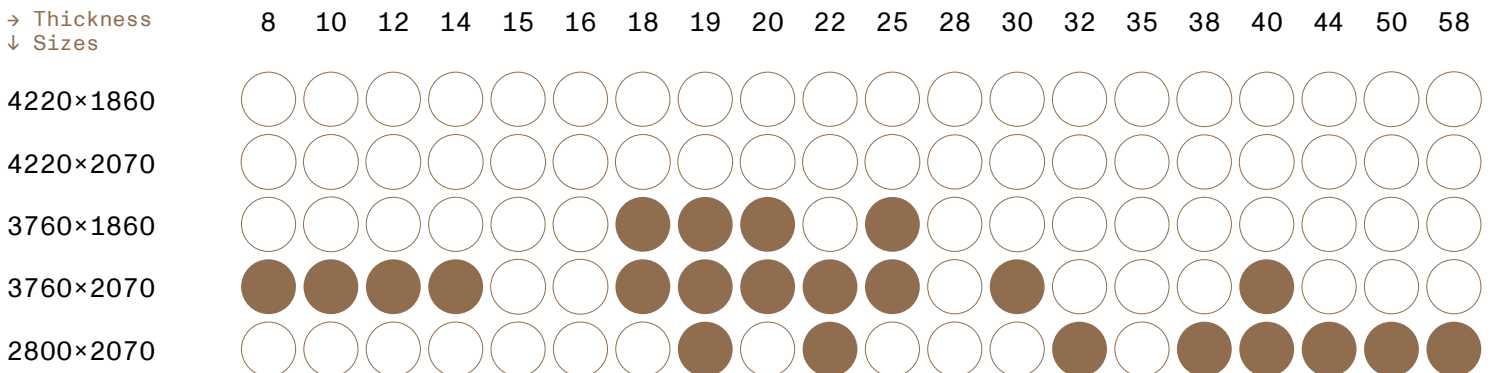


Mechanical Properties	Test method	According EN-standard	Thickness mm	Values
Density	EN 323	+ / - 10% (kg/m ³)	≥8 ↔ 13 >13 ↔ 20 >20 ↔ 25 >25 ↔ 32 >32 ↔ 40 >40 ↔ 58	650 kg/m ³ 550 kg/m ³ 540 kg/m ³ 530 kg/m ³ 520 kg/m ³ 490 kg/m ³
Thickness tolerance	EN 324-1	EN 312		+ / - 0,3 mm
Lenght and width tolerance	EN 324-1	EN 312		+ / - 5 mm
Edge straightness tolerance	EN 324-2	EN 312		1,5 mm/m
Squareness tolerance	EN 324-2	EN 312		2 mm/m
Moisture content	EN 322	EN 312		5% to 13%
Formaldehyde class				E1, CARB2, TSCA
Internal Bond	EN 319	EN 312	≥8 ↔ 13 >13 ↔ 20 >20 ↔ 25 >25 ↔ 32 >32 ↔ 40 >40 ↔ 58	0,40 N / mm ² 0,35 N / mm ² 0,30 N / mm ² 0,25 N / mm ² 0,20 N / mm ² 0,20 N / mm ²
Bending strenght	EN 310	EN 312	≥8 ↔ 13 >13 ↔ 20 >20 ↔ 25 >25 ↔ 32 >32 ↔ 40 >40 ↔ 58	11,0 N / mm ² 11,0 N / mm ² 10,5 N / mm ² 9,5 N / mm ² 8,5 N / mm ² 7 N / mm ²
MOE	EN 310	EN 312	≥8 ↔ 13 >13 ↔ 20 >20 ↔ 25 >25 ↔ 32 >32 ↔ 40 >40 ↔ 58	1800 N / mm ² 1600 N / mm ² 1500 N / mm ² 1350 N / mm ² 1200 N / mm ² 1050 N / mm ²
Surface soundness	EN 311	EN 312	8 ↔ 58	0,8 N / mm ²

The recommendations and informations given in this Product Sheet are to the best of our knowledge in keeping with the present state of the art. However, they are intended purely for information and as noncommittal guidelines. As such they cannot constitute grounds for any claim under warranty.



Please contact us to check the availability of sizes and thicknesses. It 's also possible to realize measures and/or thicknesses dierent from those indicated, according with the production scheduling and for a minimum quantity of 100 cubic meters.