



## Ytelseserklæring

Kronospan LLC produserer industri- og gulv kvalitets MDF og HDF for flere verdiøkende og forbrukerapplikasjoner. Våre tykkelser varierer fra 3,0 mm til 25,4 mm [ 1/8" – 1,0" ] og inkluderer muligheten til å produsere slipte eller uslipte overflater på vår 10' brede kontinuerlige presse. Våre slipe- og dimensjoneringsoperasjoner kan produsere ulike standard og ikke-standard formater.

All laboratorietestene er utført i henhold til europeiske normer og ANSI 208.2-2009-standarder. Vi spesialiserer oss på å skreddersy kundespesifikke produkter for enhver applikasjon. Alle paneler er tredjeparts sertifisert i samsvar med CARB fase II-utslippskrav.

## Erklærte ytelser

### MDF Express Standard spesifikasjoner

Viktige egenskaper	Standard	Toleranser	Verdier
Finished Thickness [mm]	ANSI 208.2	$\pm 0.125$	n/a
Density [kg/m <sup>3</sup> ]	EN 323	$720 \pm 30^*$	$44.95 \pm 1.87$ Lbs/ft <sup>3</sup>
Internal Bond [N/mm <sup>2</sup> ]	EN 319	0.60	87 PSI
Surface Soundness [N/mm <sup>2</sup> ]	EN 311	0.80	116 PSI
Modulus of Rupture [N/mm <sup>2</sup> ]	EN 310	24.0	3481 PSI
Modulus of Elasticity [N/mm <sup>2</sup> ]	EN 310	2400.0	348,091 PSI
Face Screw Holding [N]	EN 320	988	n/a
Edge Screw Holding [N]	EN 320	787	n/a
24 Hour Swelling [mm]	EN 317	1.65 [ 11% > 15 mm finished thickness ]	n/a
Residual Moisture Content [%]	EN 322	$5.0 \pm 1.0$	n/a
Residual Formaldehyde Content [PPM]	ANSI 208.2	0.11	n/a
Finished Length [mm]	ANSI 208.2	$\pm 2.0$	n/a
Finished Width [mm]	ANSI 208.2	$\pm 2.0$	n/a
Squareness	ANSI 208.2	1 mm per meter	n/a

\*Densitet fra 690 kg/m<sup>3</sup> – 750 kg/m<sup>3</sup> [ 43.07 Lbs/ft<sup>3</sup> – 46.82 Lbs/ft<sup>3</sup> ] basert på standardtykkelse.



**HDF Express Stock Specifications [ > 5.5 mm finished thickness ]**

Physical Property	Standard	Specification	U.S. Equivalent Measure
Finished Thickness [mm]	ANSI 208.2	$\pm 0.125$	n/a
Density [kg/m <sup>3</sup> ]	EN 323	$850 \pm 30$	$53.06 \pm 1.87$ Lbs/ft <sup>3</sup>
Internal Bond [N/mm <sup>2</sup> ]	EN 319	1.20	175 PSI
Surface Soundness [N/mm <sup>2</sup> ]	EN 311	1.40	175 PSI
Modulus of Rupture [N/mm <sup>2</sup> ]	EN 310	40.0	5801 PSI
Modulus of Elasticity [N/mm <sup>2</sup> ]	EN 310	4000.0	580,150 PSI
24 Hour Swelling [%]	EN 317	16.0	n/a
Residual Moisture Content [%]	EN 322	$5.0 \pm 1.0$	n/a
Residual Formaldehyde Content [PPM]	ANSI 208.2	0.13	n/a
Finished Length [mm]	ANSI 208.2	$\pm 2.0$	n/a
Finished Width [mm]	ANSI 208.2	$\pm 2.0$	n/a
Squareness	ANSI 208.2	1 mm per meter	n/a

**HDF Thin Board Specifications [  $\leq 5.5$  mm finished thickness ]**

Physical Property	Standard	Specification	U.S. Equivalent Measure
Finished Thickness [mm]	ANSI 208.2	$\pm 0.125$	n/a
Density [kg/m <sup>3</sup> ]	EN 323	$880 \pm 30$	$54.93 \pm 1.87$ Lbs/ft <sup>3</sup>
Internal Bond [N/mm <sup>2</sup> ]	EN 319	1.20	175 PSI
Modulus of Rupture [N/mm <sup>2</sup> ]	EN 310	40.0	5801 PSI
Modulus of Elasticity [N/mm <sup>2</sup> ]	EN 310	2200.0**	319083 PSI
24 Hour Swelling [mm]	EN 317	1.65	n/a
Residual Moisture Content [%]	EN 322	$5.0 \pm 1.0$	n/a
Residual Formaldehyde Content [PPM]	ANSI 208.2	0.13	n/a
Finished Length [mm]	ANSI 208.2	$\pm 2.0$	n/a
Finished Width [mm]	ANSI 208.2	$\pm 2.0$	n/a
Squareness	ANSI 208.2	1 mm per meter	n/a

**\*\*Minimum specification of 2200 N/mm<sup>2</sup> [319083 PSI] based on 3.0 mm panel. MOE can be tailored to meet specific application requirements.**

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