

TECHNICAL SHEET

STANDARD	PROPERTY	VALUE
ASTM D-792	Density [g/cm ³]	0.650 ± 0.050
EN 789	Tensile strength [PSI]	1,305
EN 789	Tensile modulus [PSI]	10,1526
ASTM D-6109	Flexural strength [PSI]	3,377
ASTM D-6109	Flexural modulus [PSI]	175,000
ASTM D-2240	Hardness [Shore DDD]	> 60
ASTM D-1761	Screw extraction resistance - surface [LBF]	359
ASTM D-1761	Screw extraction resistance - narrow side [LBF]	701
ASTM D-1761	Nail extraction resistance - surface [LBF]	171
ASTM D-1761	Nail extraction resistance - narrow side [LBF]	421
ASTM D-3359	Paint Adhesion	5A
ASTM D-648	Heat Deflection Temp [°F]	143.7
ASTM D-1525	Vicat Softening Temp [°F]	154
Annex to EN 12667	Thermal conductivity (λ) [W/(mK)]	≥0.07
ASTM D-696	Coefficient of Linear Thermal Expansion [in/in/°F]	2.90 x 10⁻⁵
ASTM D-1621	Compressive Strength [PSI]	1,050
ISO-10140-2	Airborne sound insulation [Rw(dB)]	32
ASTM D-570	Water absorption	≤ 2.5 %
ASTM E-84	Flame spread	25

- Attractive aesthetics
- Resistance to the elements
- Low Maintenance
- Versatile style
- Lasting durability
- US-based production
- Proven performance
- True sustainability
- Easy installation

STANDARD	PROPERTY	VALUE
EN 117	Resistance against termites	Attempted attack - No infestation
EN 15534-1:2012 based on ISO 16869	Resistance against wood - discolouring fungi	Assessment number 0 No growth / No discolouration
AgBB [Committee for Health-Related Evaluation of Building Products] Test concept / DIN EN ISO 16000-3/6/9 i.a.	VOC emission	Passed
French regulation no. 2011-321 / DEVL1104875A	VOC emission	Passed
EN 15534-1:2014- 9.5.2 (based on ENV 12038)	Durability with respect to wood - destroying fungi (basidiomycetes)	Class 1
EN 15534.1:2014 - 8.5.6 (based on EN 15458)	Algae resistance	Resistance against algae infestation
EN 15534-1:2014, Subsection 8.5.3 based on CEN/TS 15083-2	Soft rot resistance	Highest durability class

***Data is for reference only.** Consult with your Modern Mill Sales Representative for project specific applications.

