



## HOME of MAGNUM BOARD®

“The New Generation **GREEN** Building Material”

“**Install It for Health-Install It for Life**”

Manufacturing Sheathing & Siding Products

### ENGINEERING SPECIFICATIONS

<b>SPECIFICATGION NO.:</b>	011118.1225
<b>DESCRIPTION:</b>	Magnum Horizontal Siding 9MM Thick SB x 12' Long x 8.5" and 9.5" widths.
<b>ISSUE NO.:</b>	02
<b>ORIGINAL ISSUE DATE:</b>	June 16, 2022
<b>REVISION ISSUE DATE:</b>	NA
<b>BRIEF MODIFICAITON INFO:</b>	NA

I. Widths:

- a. 8 ½" (~212.50MM)
- b. 9" 1/2 (~237.50mm)

II. Lengths:

- a. 12' (~3,658MM)
- b. Shorter lengths are available upon request

III. Color:

- a. White to cream

IV. Surface

- a. Smooth
- b. Fine sanded look

V. Edge Profiles

- a. Square edge – standard
- b. Tongue and Groove on Ends is available

- VI. Product Uses Include, but Are Not Limited To:
- a. Interior and Exterior Horizontal Siding

VII. Engineering Chart

Line No.	Test Description	Unit	Criteria	Result	Conclusion
1	Density		1.10 to 1.20	1.10 to 1.20	✓
2	Thickness	mm / inches	9mm	3/8"	✓
3	Water Content-(%)	%	≤ 8%	5.9%	✓
4	Dry Shrinkage-(%)	%	≤ 0.3%	0.23%	✓
5	Swelling Ratio-(%)	%	≤ 0.6%	0.39%	✓
6	Screw Holding Capability	n/mm	≥ 50	68	✓
7	Chlorine Ion Content-(%)	%	≤ 3%	2.43%	✓ Industry Standard is 10 Maximum
8	Flexural Strength	Mpa	≥10.0	11.2	✓
9	Impact Strength	Kj/m <sup>2</sup>	2.5	3.4	✓
10	Combustibility Rating		Class A1	Class A1	✓

**LEGEND**

✓ = Meets or exceeds applicable ASTM and Magnum Board Products, LLC minimum standards.

**NOTES:**

- For additional test and engineering information, refer to MBP Certified Test Summary.
- Reference MBP Installation Instructions
- Reference MBP Technical Guide
- Special order lengths and widths are available upon request
- Impact strength is measured using test protocol ASTM-D5420