

## TECHNICAL SPECIFICATIONS

| Specification                                                                                                | Testing Standard  | Result               |
|--------------------------------------------------------------------------------------------------------------|-------------------|----------------------|
|  Flame Spread               | ASTM E84          | Class A              |
|  Fire Resistance            | ASTM E119         | 1 Hour               |
|  Water Absorption           | ASTM C578         | Less than 1%         |
|  Water Vapor Transmission   | Meets ASTM C578   | Meets ASTM E96       |
|  Freeze/Thaw Resistance     | ASTM C666         | PASSED               |
|  Fungus/Bacteria Resistance | ASTM D3273-21     | PASSED               |
| Density                                                                                                      | N/A               | Min 2LB/FT3          |
| Flexural Strength                                                                                            | ATSM C203-22      | 4.9MPa               |
| Nail Pull Test                                                                                               | N/A               | 98-112+ lbs          |
| Tensile Strength                                                                                             | ASTM D1623        | >33psi               |
| Linear Expansion                                                                                             | ASTM D1037        | 0.005%               |
| Shear Testing                                                                                                | ASTM E72          | PASSED               |
| VOC Emissions                                                                                                | ISO 16000-3: 2021 | Zero                 |
| Adhesive Compatibility                                                                                       | ASTM C1397        | ASTM C1397 Compliant |
| Impact Sound Test                                                                                            | ASTM E492         | STC 29-38            |
| Airborne Sound Transmission                                                                                  | ASTM E90          | IIC 40-46            |
| ICC-ES Structural Sheathing                                                                                  | ESR-5685          | PASSED               |



### CONTACT INFORMATION

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