

5 Test Results

The thermal insulation test results, together with the applicable requirements of ASTM C578-03 for a Type II classified product is shown in Table 1 below. A full set of test results is included in Appendix A.

Property	Test Result			Requirement	Pass / Fail
	Diversifoam Products	Foam Concepts	Airlite Plastics (Reward Wall)		
Compressive Strength, psi	18.4	18.0	20.3	15.0 min.	Pass
Flexural Strength, psi	59.5	53.7	59.5	35.0 min.	Pass
Density, Kg/m ² (lbs/ft ³)	1.68	1.69	1.63	1.35 min.	Pass

6 Conclusion

The Standard ICF product identified and evaluated in this report has met density, flexural strength, and compressive strength requirements of Type II Expanded Polystyrene Insulation as per ASTM C578-06 "Standard for Rigid Cellular Polystyrene Thermal Insulation".

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