



**Standard for Air and Water-Resistive Barriers
Self-Adhered Sheet Membrane, Bitumen Based
Material Specification, S0007-2021, 2/17/2022**

Property	Test Method	2022 Standard (19 tests)
Air Leakage Rate - Material	ASTM E2178	●
Assembly Air Leakage	ASTM E2357	●
Air Leakage Rate - Fastener	ASTM E2178 with modified specimen	●
Elongation	ASTM D412 Method A Die C	●
Freeze-Thaw Resistance	ASTM E2485 Method A	●
Fungi Resistance	ASTM C1338	●
Gap Bridging Ability	ABAA T0004	●
Lap Adhesion	ASTM D3330 Method B	●
Low Temperature Flexibility	ASTM D522/D522M	●
Peel Adhesion (180)	ASTM D3330 Method A	●
Pull Adhesion	ASTM T0002	●
Resistance to Puncture	ASTM E154-08a	●
Flame Spread Characteristics	ASTM E84	●
Tear Initiation	ASTM D4073-06	●
Volatile Organic Compounds (VOCs)	EPA24	●
Water Resistance	AATCC TM127	●
Water Resistance in 100% Relative Humidity	ASTM D2247	●
Hygroscopic Sorption Isotherms – Equilibrium Moisture Content by Weight	ASTM C1498 at 50%, 70%, and 90% R.H.	●
Water Vapor Transmission Rate – water and desiccant method	ASTM E96	●