

# PRODUCT TEST RESULTS

## BMC® II



Water Vapor Transmission	ASTM E 96 Wet Cup	Measure	Reported as water vapor permeability rate (perms) at 11mils: 29 Pastel Base 28 Tint Base 30 Deep Base 22 Accent Base
Adhesion - Coatings	ASTM D 3359, Method A	Report	5A - no peeling or removal; best possible rating
Adhesion - Air Barriers	ASTM D 4541	110 kPa (16 psi) or substrate failure	<i>Concrete</i> : cohesive failure of the concrete at 155 psi <i>Limestone</i> : cohesive failure of the limestone <i>Glass Mat Sheathing</i> : cohesive failure of the sheathing
RILEM Tube Wind Resistance	RILEM Test Method II.4	Record after 20 minutes	≥98 mph
System Air Leakage Rating	ASTM E 2357 Opaque Wall	≤ 0.2 L / s·m <sup>2</sup> at 75 Pa (≤ 0.04 cfm / ft <sup>2</sup> at 1.57 psf)	Pass: 0.007 L / s·m <sup>2</sup> at 75 Pa (0.0014 cfm / ft <sup>2</sup> at 1.57 psf)
System Air Leakage Rating	ASTM E 2357 Penetration Wall	≤ 0.2 L / s·m <sup>2</sup> at 75 Pa (≤ 0.04 cfm / ft <sup>2</sup> at 1.57 psf)	Pass: 0.039 L / s·m <sup>2</sup> at 75 Pa (0.0078 cfm / ft <sup>2</sup> at 1.57 psf)
Surface Burning Characteristics	ASTM E 84	Criteria for ICC and NFPA Class A Building Material: Flame Spread ≤ 25 Smoke Developed ≤ 450	Meets Class A Building Material: Flame Spread: 5 Smoke Developed: 0
Cone Calorimeter	ASTM E 1354	50 kW/m <sup>2</sup> heat flux level	No ignition was achieved after a 30 minute thermal exposure.