



NewBrick® Testing:

A fully tested, compliant alternative to clay brick

A Comprehensive commitment to testing is a fundamental tenet of all NewBrick products; NewBrick® is an innovation that has been subjected to a comprehensive battery of third-party tests to ensure the product will perform at the highest levels.

Take a look at the attached chart, which provides a snapshot of the testing to which NewBrick has been subjected - and passed.

NewBrick Testing

Accelerated Weathering – ASTM G 155 Cycle 1

Freeze-Thaw – Method B to ASTM E 2485

Water Resistance – ASTM D 2247

Salt Spray Resistance – ASTM B 117

Tensile Bond – adhesive to underlying substrate – ASTM C 297

Surface Burning Characteristics – ASTM E 84

Water Vapor Transmission – ASTM E 96 Procedure B

Mildew Resistance – ASTM D 3273

Abrasion Resistance – ASTM D 698 Method A Falling Sand and ASTM D 4060 Taber Abrasion (1 kg load)

Ignitability – ASTM 268

Intermediate Multi-Story Fire Test – ASTM 285

Results

Passed with a mortar mix of 2:1 – No deleterious effects¹ after 2000 hours

Passed - No deleterious effects after¹ 10 cycles

Passed - No deleterious effects after¹ 14 days exposure

Passed - No deleterious effects after¹ 300 hours exposure

Passed – Minimum 15 psi

Passed – meets NFPA Class A requirements: Flame spread <25, Smoke developed <450

Passed – Core: 1.5 Perms, Lamina: 40 Perms

Passed – 60 days no growth

Passed – No deleterious effects¹ 1057 quarts (1000 liters)

Passed – 1000 cycles: .83 mg mass loss

Passed – No ignition at 12.5 kWm² at 20 minutes

Passed all criteria

¹ No cracking, checking, rusting, crazing, erosion, blistering, peeling or delamination when viewed under 5x magnification

For more information on NewBrick testing, please call us at 1-833-NEWBRICK (1-833-636-2745).