

Test Results

Test: **Absorption and Density of Concrete and Masonry**

Tested by: Group CTT-Div Sageos
Date: February 28 to March 3, 2006
Method: ASTM C140-02A Section 8
Results: Concrete mega-pave & permacon products treated with Seal-Once and submerged in water had an average absorption rate of 1.24%. Outstanding results.

Test: **Scaling Resistance of Concrete Surfaces Exposed to Deicing Chemicals (Freeze/Thaw Tests)**

Tested by: Group CTT-Div Sageos
Date: March 2 to April 21, 2006
Method: ASTM C 672/c 672m-98
Results: Seal-Once had a zero weight loss of scaling after 50 freeze/thaw cycles. This ASTM test result verifies that Seal-Once provides an excellent level of protection for cementitious substrates for many years.

Test: **Moisture Vapor Emission Rate of Concrete and Masonry**

Tested by: Group CTT-Div Sageos
Date: March 3, 2006
Method: ASTM F1869-98
Results: Seal-Once had a vapor emission rate of 3.9 average, while untreated reference blocks average 7.4. This means that moisture trapped within concrete or other substrates treated with Seal-Once will escape at a rate over 50% of that of raw concrete which is excellent.

Test: **Toxicity/Eco Friendliness**

Tested by: Huther & Associates
Dates: June and July 2003
Method: EPA/600/4-90/027F-Aug. 1993
Results: When applied according to label directions Seal-Once was found to be perfectly safe for fresh and saltwater applications. Seal-Once will not harm fish, pets, wildlife, wildfowl, livestock, flowers, bushes, etc.

Test: **Volatile Organic Compounds**
Tested by: Granite State Analytical, Inc.
Date: November 21, 2005
Method: Volatile Organics Method 5035/8260B
Results: No regulated VOC's were found.
No regulated hazardous air pollutants were found.

Test: **Composite Decking ASTM Test Method for Microbial Growth (Mold & Mildew)**
Tested by: ASTM International
Dates: April 2007
Method: ASTM D3274
Results: Standard test method for evaluating degree of surface disfigurement of paint films by Microbial (Fungai or Algai) growth or soil and dirt accumulation. Pass 16 week test no growth.

Test: **Composite Decking ASTM Test Method for Microbial Growth (Mold & Mildew)**
Tested by: ASTM International
Dates: April 2007
Method: ASTM D3273
Results: Standard test method for resistance to growth of mold on the surface of interior coatings in an environmental chamber. Pass 16 week test, no growth.

Test: **Concrete Penetration**
Tested by: New Image Coatings
Dates: October 2004
Method: Applied two coats tinted formula dark gray.
Results: Product penetrated 1 inch on 2000 psi paver.

Test: **Penetration – IPE Brazil/Trex/Correct Deck (Composite Decking)**
Tested by: New Image Coatings
Dates: April 2003
Method: Brushed – 2 coat
Results: Seal-Once clear penetrated composite decking. Absolutely no change in color Seal-Once – Natural tint – penetrated IPE enhanced patina and added to richness.