



Your Single Source For Innovative Architectural Concrete Solutions

# BOMANITE MICRO-TOP XT

## Technical Bulletin

Bomanite Micro-Top XT is a two-part, polymer-modified cementitious coating consisting of a unique rubber-like polymer liquid and a cement-aggregate blend. The material is applied in multiple coats by brush, roller, squeegee, trowel or sprayer to a typical thickness of 3/32 inch. It can be applied over almost any clean, sound surface including concrete, cement block, tile, metal and wood. Important characteristics of Bomanite Micro-Top XT are its extraordinary adhesion and its ability to withstand prolonged pedestrian and vehicular traffic. In these respects, the material is far superior to conventional cementitious coatings.

Bomanite Micro-Top XT provides a tough, water-retardant coating that substantially reduces water penetration, freeze-thaw scaling and concrete carbonation. It is a "breathable" coating that releases normal entrapped vapor without loosening or blistering. Typical uses include concrete exterior restoration, parking structure protection, sidewalk resurfacing, wall refinishing and installation coating, stadium renovation, swimming pool walkways and balcony deck surfacing.

### FEATURES AND BENEFITS:

*Excellent adhesion and weathering resistance*  
*Slip resistance underfoot*  
*Long wearing under traffic*  
*Retards water and salt penetration*

*Resists ultra-violet degradation from long-term exposure to sunlight*  
*Environmentally safe (entirely water-based)*

### GENERAL INFORMATION:

#### Colors

Micro-Top XT can be tinted in a wide range of colors. Refer to any Bomanite Color Chart for standard color selections. Custom colors are also available.

#### Product Data

##### Adhesion

ASTM C-882, Type 1      515 psi

##### Freeze-Thaw

Coated concrete cylinders immersed 8 hrs. in salt water solution followed by 16 hrs. freezing, 50 cycles  
no scaling, peeling, flaking

##### Absorption

Weight gain by 4" coated concrete cube after 21 days water immersion      <2%  
ASTM C-642      1.61%; volume of permeable voids 5.07%

##### Weathering

ASTM G-23 (Weatherometer)  
Method 1 procedure, 60 cycles  
No visible degradation

##### Hydrocarbon Substances Resistance

ASTM D-1308 (Spot Open Test)  
(21 days repeated re-application of gasoline, motor oil SAE-10, jet fuel)  
No softening or attack

##### Resistance to Wind-Driven Rain

Fed Spec. TT-C-565B  
At 5" water pressure and 60 gal/hr. flow, no water or dampness shows on back of

concrete test panels

No cracking or detachment

**Compressive Strength**

ASTM C-579 Method A 2,440 psi

**Water Vapor Permeability**

ASTM E-96 1.95 perms/inches

**Tensile Strength**

ASTM C-307 465 psi

**Flammability**

ASTM E-84 Flame Spread 4  
Smoke Density 0

**Shore Hardness**

ASTM D-2240 Durometer "A" 82

**Potable Water Compatibility**

U.S. Environmental Protection Agency Criteria and Standards Division office of Drinking Water Approved

**Impact Resistance**

MIL-D-3134, Para. 4.7.3  
(2 lb. Steel ball dropped from 8'  
height onto coated steel plate)

**Sealers**

For suggested interior sealers, refer to the Bomanite Sealers/Finishes Cross Reference Guideline.

**NOTE: It is recommended to utilize water-based sealers for interior applications due to the hazards associated with solvent fumes.**

For suggested high-performance coatings, refer to the Bomanite High-Performance Coatings Cross Reference Guideline

**NOTE: It is recommended to utilize water-based or 100% solids coatings for interior applications due to the hazards associated with solvent fumes.**

**Maintenance**

This will vary depending on a number of factors including volume and intensity of traffic, UV exposure, geographic location and weather conditions. For instance, interior applications will require a different routine maintenance program than exterior products. Residential applications typically require less cleaning and maintenance than commercial and municipal projects. In large interior commercial applications, a qualified floor maintenance contractor is recommended for routine cleaning. Consult the Bomanite General Guidelines Maintenance Schedule and product specific Bomanite Maintenance Schedules for appropriate maintenance procedures.

**Limitations**

May reflect working concrete cracks.

Do not install in freezing weather.

Minor shade variations may occur with natural cement color material.

Not suitable for use in areas where acids are spilled.

May show indentations from steel-wheeled dollies or other forms of elevated point load, especially if installed over a membrane system.

**Warranty**

This product is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller and manufacturer obligations under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product.

***Additional product information, technical bulletins and specifications are available online at [www.bomanite.com](http://www.bomanite.com) or through one of our Bomanite Licensed Contractors. For additional assistance with specifications or technical issues, contact The Bomanite Company.***