



Your Single Source For Innovative
Architectural Concrete Solutions

MODENA by BOMANITE

System Guideline

The Modena system utilizes one of three proprietary, engineered cementitious toppings that are bonded to the surface of cured or plastic concrete or correctly prepared wood substrates, all with cove base and stair components generally pre-cast and finished to match. Once cured the Modena topping is ground to expose the desired amounts of aggregate, then polished to the required gloss level and treated with a Bomanite stain resist. The primary benefits to Modena by Bomanite are the range of colors available, the aggregate characteristics, the excellent durability of color and the ability to transform ordinary concrete into highly decorative flooring.

The various Modena products are engineered to work with a range of aggregates such as granite, glass, marble, porcelain, etc. from 1/8" and up in size. Unlike comparable terrazzo flooring, Modena by Bomanite is designed specifically to be polished with a fine aggregate gradation similar to that of concrete. Modena by Bomanite is integrally colored and/or stained in a wide range of options and may be seeded with additional aggregate or even hard troweled and paste polished.

Modena by Bomanite is intended for both new construction and major renovation projects. Modena is most commonly installed as a bonded topping system to fully cured concrete however full depth pours both suspended and slab on grade along with un-bonded thick section toppings 3" or greater in thickness are all applicable applications. The quality of the aggregate selection, processing of the various components, placing and finishing are critical to the success of the finished product.

Consult the individual Modena Technical Bulletins for more complete information on each product and its applications. Topically applied products such as Bomanite Concrete Dye or Bomanite Chemical Stain are compatible with bonded toppings. Consult the Patène Teres by Bomanite System Guideline and/or applicable technical bulletins for further information on these products and systems.

FEATURES AND BENEFITS:

- **Three topping systems to choose from**
- **Highly durable**
- **Excellent abrasion resistance**
- **Range of aggregate exposure**
- **Wide color selection**
- **Highly decorative appearance**



GENERAL INFORMATION:

Key Components of a Modena System

Bomanite Modena SL: A bonded topping with 1/8" aggregates applied to cured concrete

Bomanite Modena TG: A bonded topping with 1/4" to 1/2" aggregates applied to cured concrete

Bomanite Modena MONOLITHIC: A monolithic topping with 1/4" to 3/4" aggregates applied to plastic concrete

Bomanite XP Primer WB: A water based epoxy primer applied to cured concrete

Bomanite Micro-Top Liquid: A water based polymer admixture used to modify select toppings

Bomanite Stabilizer Pro: Silane modified Lithium Silicate chemical hardener

Bomanite VitraFinish: Silane and Acrylic modified Lithium Silicate stain resist

Colors

Consult the Bomanite Coloration Systems Color chart for the full range of standard colors. Note that the type, size and color of decorative aggregates have a large influence on the final price range for Modena by Bomanite applications.

Modena by Bomanite is also available for specification in a range of pre-determined aggregates and colors along with custom options as developed by Bomanite Licensees.

Basic Application Information

The Modena by Bomanite System is installed exclusively by Bomanite Custom Polishing Licensees.

Consult the individual Modena Technical Bulletins for more complete information on each product and its applications.

1. Modena SL
2. Modena TG
3. Modena MONOLITHIC

Maintenance

Consult the Bomanite Custom Polishing Maintenance Guideline for complete information on how to maintain polished concrete flooring.

Limitations

- Final color will be influenced by factors such as variations in natural aggregates, exposure of aggregates, environmental factors etc. A thorough sampling and mock-up process is required as part of the installation of the system.
- Some variation in aggregate dispersion is common with hand applied toppings.
- Lack of protection from trade damage along with chemical exposure resulting in staining will detract from the quality of the finished product.
- Surface defects and repairs may be appreciably noticeable once the process is complete.

Warranty

Bomanite products are 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 system information, technical bulletins and specifications are available online at www.bomanite.com or through one of our Bomanite Licensed Contractors. For additional assistance with specifications or technical issues, contact The Bomanite Company.