

## **Carboline**

### **A TOTAL QUALITY COMPANY**

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## **SANITILE HIGH PERFORMANCE COATINGS**

### **THE ECONOMICAL WAY TO TRANSFORM WALLS AND CEILINGS INTO GLEAMING TILE-LIKE SURFACES...AND PROTECT THEM FROM CORROSION AND DETERIORATION AT A FRACTION OF THE COST OF CERAMIC TILE**

Sanitile high performance coatings transform ordinary walls and ceilings of poured and precast concrete, brick, masonry, wood and drywall into attractive surfaces with the properties, performance and sanitation of tile.

Easily maintained Sanitile systems protect and beautify in a wide array of attractive colors and glosses with varying degrees of smoothness and texture. Coatings feature medium to high film build for even greater versatility.

Based on a unique polyester and polyester aliphatic polyurethane resin system developed by the Sanitile Division of Carboline Company, Sanitile 550 coating systems are designed for interior surfaces. Sanitile systems are primarily single-component and can be easily applied over a wide range of bare or painted surfaces. Sanitile coatings enhance walls, ceilings, steel and equipment with a smooth, gleaming, resilient finish.

Sanitile coated surfaces are durable, easy to clean, and are resistant to impact, chemicals and abrasion for long service life.

### **SANITILE PROTECTS**

Sanitile withstands the destructive action of:

- Chemicals
- Condensation
- Blood
- Abrasion
- Corrosion
- Moisture
- Acids
- Grease
- Alkalis
- Impact
- Mold
- Steam Cleaning

### **MOLD RESISTANT**

Sanitile systems resist the growth of fungus or mold in damp areas such as:

- Laundries
- Natatoriums
- Steam and Shower Rooms
- Processing Areas

### **THERMAL SHOCK RESISTANT**

Sanitile systems withstand thermal shock of repeated steam cleaning in refrigerated rooms.

### **WET ADHESION AND ALKALI RESISTANT**

Sanitile's polyester base coats are unaffected by moisture and alkali present in walls, ceilings or the atmosphere like conventional paints, finishes, and epoxy systems with latex or alkyd block fillers. Sanitile systems maintain adhesion where other materials fail.

### **FIRE RATED BY UNDERWRITERS LABORATORIES**

Sanitile systems tested by Underwriters Laboratories as complete systems on typical masonry surfaces under rigid UL Standard 723 based on ASTM's E-84 "Tunnel Test" method.

Sanitile qualifies as a Class A interior finish under the building exits code of the National Fire Protection Association and is suited for any unsprinklered or sprinklered areas in any class of building.

- Flame Spread - 15
- Smoke Developed - 0

### **LOW ODOR, NO SHUTDOWN**

Sanitile systems are virtually odorless. In highly odor-sensitive areas such as processing plants and institutions, Sanitile 98-0 and Sanitile 98-0 Finish (98% odorless formulations) are recommended.

### **COLORS AND GLOSSES**

Sanitile is available in 44 standard colors. All colors are lead-free and available in High-Gloss and Semi-Gloss. The Sanitile 98-0 and Satin finishes are available in 15 standard colors.

### **SAVE TWO WAYS: INSTALLATION AND LONGER LIFE**

Sanitile's installed costs are comparable to conventional paints and finishes with the benefits of the tile-line qualities and ease of application.

Superior Sanitile protection and resistance reduce the need for costly repainting and recoating for lower maintenance costs.

### **TT-C-550C DEFINES PERFORMANCE**

Federal Specification TT-C-550C was developed as an industry standard for interior finishes having the properties of ceramic and glazed tile. The stringent performance requirements of Federal Specification TT-C-550C encompass a coating system that can be applied over bare or painted surfaces and which can provide:

- Appearance
- Scrubbability
- Reflectance
- Washability
- Resistance to:
  - Heat and Cold
- Cleaning Agents
- Fungus Growth
- Impact
- Abrasion
- Humidity

### **SANITILE 550 AND TT-C-500C**

The Sanitile 550 system is the only low-odor, mild-solvent system suitable for application over bare or painted interior surfaces that meets the requirements of Federal Specification TT-C-550C.

The Sanitile 550 system combines the moisture- and alkali-resistant properties of the Sanitile polyester with the ultra-hardness and superior resistance of the Sanitile polyurethane. The resultant Sanitile 550 polyester aliphatic polyurethane system provides a durable, highly resistant coating with performance properties approaching ceramic and glazed tile.

The Sanitile 550 system is well suited for frequent sanitized and high-moisture environments such as:

- Kitchens and Laundries
- Food Processing Plants
- Showers and Washrooms
- Vehicle Maintenance Areas

### **TT-C-500C ADHESION TEST**

One of the most stringent requirements of Federal Specification TT-C-550C is the test for adhesion to dry and wet masonry.

All Sanitile systems maintain their bond to masonry even when exposed to severe wet conditions. Sanitile's resistance to wetness prevents peeling in both new and existing structures.

**Adhesion to:** Dry Masonry

**TT-C-500C Requirements:** 155 pounds

**Sanitile Results:** 180 pounds

**Adhesion to:** Wet Masonry

**TT-C-500C Requirements:** 22 pounds

**Sanitile Results:** 88 pounds

**Adhesion to:** Re-dried Masonry

**TT-C-500C Requirements:** 110 pounds

**Sanitile Results:** 110 pounds

## **FULLY APPROVED**

All Sanitile coatings are chemically acceptable for incidental food contact surfaces in plants operating under the U.S. Department of Agriculture's Federal Meat and Poultry Inspection program and are approved by the Meat Hygiene Directorate of Agriculture Canada.

## **VERSATILE SANITILE SYSTEMS MEET EVERY NEED**

System selection is based on:

- Substrate
- Sanitation
- Surface Conditions
- Aesthetics
- Government/Health Authority Requirements
- Ease of Cleaning
- Smoothness Desired

**A wide range of systems is available for use over concrete block, ranging from well-sealed and filled surfaces to ultra-smooth, troweled areas.**

### **SANITILE 550 C.B. SYSTEM**

For bare or porous painted concrete block or concrete masonry units.

A three-coat system:

- Two coats Sanitile C.B. Base
- One coat Sanitile 550 Finish

Applied by roller or airless spray.

Appearance of block and mortar joints is retained.

Creates a hard, dense, well-sealed surface.

### **SANITILE 550 P.C. SYSTEM**

For relatively dense and bare surfaces of poured or pre-cast concrete, plaster, brick and wood.

A two- or three-coat system:

- One or two coats of Sanitile P.C. Base
- One coat of Sanitile 550 Finish

Applied by brush, roller or spray.

Creates a hard, fully sealed, uniform, and smooth tile-like surface.

### **SANITILE 550 D.W. SYSTEM**

For bare drywall walls and ceilings.

A three-coat system:

- One coat Sanitile D.W. Base
- One coat Sanitile P.C. Base
- One coat Sanitile 550 finish

Applied by brush, roller or spray.

Creates a fully sealed, impervious, and uniform, smooth tile-like surface.

### **SANITILE 550 ILT SYSTEMS**

For bare concrete block or concrete masonry units.

Two ILT systems tailor the degree of smoothness.

A three-coat system:

- One coat Sanitile Smoothing Ply
- One coat Sanitile ILT Base
- One coat Sanitile 550 Finish

The ILT Smoothing Ply is an acrylic-modified, cementitious fill and smoothing coat.

Provides superior adhesion and resistance to impact, alkali and moisture.

Conceals crevices, indentations, seams and mortar joints.

Creates a smooth, easy-to-clean and maintain tile-like surface that prevents the collection of micro-organisms and foreign matter.

### **SANITILE 550 ILT SQUEEGEE SYSTEM**

Modifies, but does not completely hide, the appearance of block walls or mortar joints.

Surface is well filled and uniformly smooth.

### **SANITILE 550 ILT TROWEL SYSTEM**

Obscures the appearance of the block and mortar joints on most block surfaces.

A tight, thin trowel coat creates a uniformly smooth surface.

### **SANITILE 550 E-H SYSTEMS**

For steel, galvanized, or aluminum interior surfaces.

Two- or three-coat systems.

Rust-inhibitive prime coat prevents rust formation.

Applied by brush, roller, or spray.

Withstands destructive exposure to moisture, condensation, abrasion, salt spray, and impact.

Air-dry systems.

### **SANITILE 550 E-H 210 SYSTEM**

For bare or previously coated steel surfaces.

A two-coat system:

- One coat Carboline 3358
- One coat Sanitile 550 Finish

### **SANITILE 550 E-H 212 SYSTEM**

For bare galvanized or aluminum surfaces.

A two-coat system:

- One coat Carbolite 1037 WP
- One coat Sanitile 550 Finish

### **FLEXXIDE ELASTOMERIC COATING SYSTEM**

An acrylic elastomeric coating for **exterior** concrete or masonry. Available in smooth and three textures: fine, medium and coarse.

A two-coat system.

Provides flexibility, durability, and weather resistance.