

Special Flooring
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Hubbellite 100 Sanigenic Flooring

ELECTRONIC PRESENTATION

This electronic presentation contains information on two Hubbellite seamless flooring products, including technical data and specifications. Open the Hubbellite Showcase presentation at this time to access additional information. Please contact Hubbellite America, Inc. for additional technical assistance with product selection, application or detailing. A complete technical manual and small samples are available upon request.

PRODUCT PRESENTATION

Hubbellite's high slip-resistance makes it the safest kitchen flooring in use today.

Food preparation and high traffic in commercial and institutional kitchens make slips and falls a constant problem. And a constant source of liability. The beauty of Hubbellite flooring is that it's innately slip-resistant whether wet or dry, and it has the ability to handle airborne fat and oil particles without compromising that slip-resistance. Add the fact that Hubbellite has no joints – and thus no porous grout to collect dirt and bacteria – and it's one of the best answers for the flooring problems food service operations face.

Safety is only one of the reasons hotels, restaurant chains, healthcare facilities and government institutions choose Hubbellite flooring.

- It's **SANIGENIC®**. With kitchen floors under constant attack from mold, fungus, bacteria and roaches, Hubbellite Sanigenic is the answer. Seamless surface means no joints to harbor dirt and decomposing food and the integral coved base makes it easier to keep clean.
- It's **COMFORTABLE**. Hubbellite is naturally resilient and provides a strong cushioning effect. Reduces foot, leg and back problems usually experienced by employees working long hours on hard surfaces.
- It's **SEAMLESS**. No seams, no joints, no porous grout, nowhere for food to collect and decompose. Hubbellite floors are easier to clean and maintain, and more economical in the long run.
- It's **DURABLE**. With minimal maintenance, Hubbellite floors of 20 or even 30 years are not uncommon.

- It's **ECONOMICAL**. Considering cost per square foot per year of service, Hubbellite floors are a smart investment over other types of flooring. They install faster, last longer, can be maintained easier for less, and can significantly reduce liability.
- It's **AVAILABLE**. Hubbellite can be installed throughout the country by experienced, factory-trained installers.

Hubbellite Type 100 Sanigenic is a 3/8" seamless, trowel-applied commercial and institutional flooring material containing cupric oxychloride cement. Hubbellite Type 100 Sanigenic flooring is slip-resistant, resilient, long-lasting and economical.

Basic Uses:

- Commercial kitchens
- Institutional kitchens
- Walk-in freezers and coolers
- Locker rooms
- Industrial uses –
 - Areas of likely solvent or petroleum spillage
 - Areas subject to heavy loads
 - Abrasive service
 - Areas of heavy truck, fork lift and air pallet traffic
 - Meat and poultry processing plants
 - Food processing plants

Other Uses:

- All areas where sanitation is of importance
- Over existing quarry tile (1/2")
- Over existing wood floors (1/2")
- Over old concrete (1/2")
- Over new concrete (3/8")

Composition and Materials:

Hubbellite Type 100 Sanigenic is derived from cupric oxychloride cement with additives to enhance its unique characteristics.

Limitations:

Hubbellite Type 100 Sanigenic should not be used:

- In free running water areas
- In high concentration acid areas
- For exterior use
- Over lightweight fills

Applicable Standards:

Hubbellite Type 100 Sanigenic is approved by the United States Department of Agriculture (USDA). Hubbellite 100 fully complies with all OSHA safety standards.

TECHNICAL DATA

SLIP-RESISTANCE

Apparatus - NBS Brungraber Slip Tester. Six readings each with wet and dry samples. Static coefficient of friction results.

Dry sample

.79
.76
.75
.75
.76
.80

Avg. Coef. of Friction: .77

Wet (water) sample

.74
.75
.73
.73
.71
.73

Avg. Coef. of Friction: .73

PERFORMANCE CHARACTERISTICS

Note: Specific data available upon request.

- A. Modulus of Elasticity: ASTM C-580, 4.3×10^5
- B. Coefficient of Thermal Expansion: ASTM C-531, 6×10^{-6} in./in./°F.
- C. Fire Resistance: Incombustible
- D. Abrasion Resistance: ASTM C-501, 33.01 Wear Index
- E. Tensile Strength: ASTM C-531, 2350 PSI
- F. Adhesive Strength: 520 PSI
- G. Compressive Strength: ASTM C-579 Method B, 5000 PSI
- H. Chemical Resistance: ASTM C-267-82
- I. Effect of Food Acids and Sugars: No Effect
- J. Effect of Alkalis: No Effect
- K. Effect of Petroleum Products: No Effect

RESILIENCE

Resilience Resiliometer Tests (1/2" Steel Ball - 48" Drop)

Type Floor: Hardwood (on sleepers)

Return Height: 7" +/- 0.5"

Type Floor: Hubbellite 1/2" (over 3" concrete)

Return Height: 8" +/- 1.0"

Type Floor: Hubbellite 3/8" (over 3" concrete)
Return Height: 9" +/- 1.0"

Type Floor: Rubber Tile (over 3" concrete)
Return Height: 9" +/- 0.5"

Type Floor: Asphalt Tile (over 3" concrete)
Return Height: 21" +/- 1.5"

Type Floor: Concrete (3" Slab Fin. Surface)
Return Height: 21" +/- 1.5"

Type Floor: Terrazzo (Portland Cement)
Return Height: 28" +/- 1.0"

Type Floor: Quarry Tile (Cement Set)
Return Height: 39" +/- 1.5"

INSTALLATION

Subfloor preparation for new and old concrete, new and old wood floors and over existing quarry tile in strict accordance with manufacturer's printed instructions.

Installation:

Factory-trained and approved installers will place Hubbellite Type 100 Sanigenic in strict accordance with manufacturer's printed instructions. Minimum thickness at any point on the floor must be 3/8".

4"-6" Integral cove base should be detailed on drawings. The Hubbellite mixture is flattened out by darbying and is steel troweled at least 3 times at intervals to provide a surface having a smooth dense glaze.

Precautions:

All work is to be performed by an approved Hubbellite installer. Heat is to be provided so that the floor temperature is kept at a minimum of 65° F. for a period of 48 hours before work starts and continuously for 14 days after Hubbellite installation is complete.

AVAILABILITY AND COST

Availability:

Hubbellite Type 100 Sanigenic representatives and approved installers are available throughout the U.S.

Cost:

Due to project variability, cost estimates are best provided by local distributors and approved applicators. Call Hubbellite America, Inc. (412) 920-0500 for nearest contact.

WARRANTY

Manufacturer warrants only that the product, in base form, conforms to the specifications set forth herein. Approved Hubbellite installers will warrant the installation as being free of defects in material and workmanship for a period of one year from the date of completion of the product installation, provided that Hubbellite maintenance instructions are complied with.

THE WARRANTY DESCRIBED IN THE ABOVE PARAGRAPH SHALL BE IN LIEU OF ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

The buyer's exclusive remedy shall be for replacement of the product or refund of the purchase price in the event that a defective condition of the product should be found to exist. NO OTHER REMEDY (INCLUDING, BUT NOT LIMITED TO, INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR LOST PROFITS, LOST SALES, INJURY TO PERSON OR PROPERTY, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE TO THE BUYER.

Technical and application information herein is provided for the purpose of establishing a general profile of the product and proper application procedures. Test performance results were obtained in a controlled environment and manufacturer makes no claim that these tests, or any other tests, accurately represent all environments.

MAINTENANCE

Detergent and water cleanup with thorough rinsing. Hubbellite Red Buffing Dressing may be applied periodically.

TECHNICAL SERVICES

Technical service is available from Hubbellite America, Inc. or from local representative.

FILING SYSTEMS

Sweet's Catalog File 09700/HUB. Guide Specifications arranged in standard CSI section format are available upon request. Additional information, test data and brochures are available upon request.

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