

Contractor to provide 3 LxLo samples of various grit sizes - grit added to achieve TRRL Pendulum Slip Test resistance of +36. Architect/owner to select optimum sample as prototype  
 Color: MEDIUM GRAY Q70



# Sanitile® 944 HB

## Product Data

### Description

High performance, solvent free, chemical resistant, epoxy resin coating. Different grades of slip resistance can be achieved by inclusion of graded aggregate between coats.

### Uses

The Sanitile 944 HB flooring system is used as a hard wearing colored floor coating in areas such as factories, warehouses, plant and storerooms where high resistance against chemical attack is required.

### Benefits

- Chemical resistant
- Hard wearing & abrasion resistant
- Solvent free, low odor
- Aesthetically attractive
- Seamless and hygienic finish
- Low maintenance
- Nonyphenol free

### Substrate Requirements

Concrete should be free from laitance, dust and other contamination. The substrate should be dry to 75% RH and free from rising damp and ground water pressure.

### Components

Resin:	Sanitile 944 HB Part A
Hardener:	Sanitile 944 HB Part B
Color Pack:	Sanitile Universal Color Pack
Mixed Kit Size:	3.1 Gallons

Coverage rates will vary with surface profile and temperature. Non-slip finishes: Various grades of quartz, aluminium oxide, glass spheres or silicon carbide can be incorporated to provide a textured surface.

### System Performance Guide

Conforms with BS 8204-6/FeRFA type 3.

### Technical Information

The figures that follow are typical properties achieved in laboratory tests at 70°F and at 50% Relative Humidity.

Volume Solids	100%
Thermal Resistance	Tolerant up to 160°F

### Technical Information (Continued)

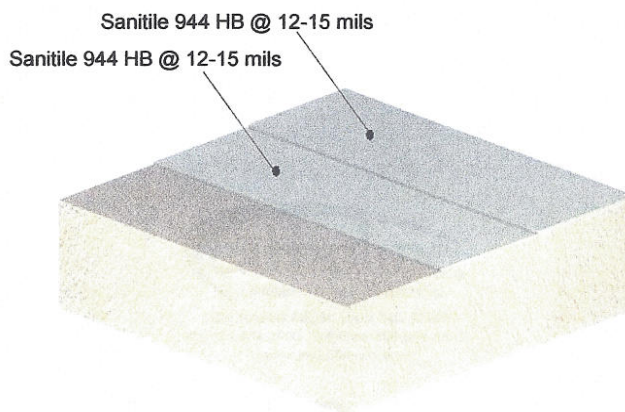
Fire Resistance	BS 476:Part 7: Surface spread of flame: Class 1
Slip Resistance	TRRL Pendulum Slip Test Dry 80 Wet 35
Water Permeability	Nil – Karsten test (impermeable)
Abrasion Resistance	ASTM D4060 Taber Abrader: 5 mg loss per 1000 cycles (1 kg load using CS17 wheels) BS 8204-2 Grade AR2
Compressive Strength	> 11,600 psi (ASTM C579)
Flexural Strength	> 8,700 psi (ASTM C580)
Tensile Strength	> 2,175 psi (ASTM C307)
Bond Strength	Greater than cohesive strength of 3,625 psi concrete, > 220 psi.

### Colors

Light Gray (Q700), Medium Gray (Q701), Dark Gray (Q702), Khaki (Q200), Brick Red (Q500), Blue (Q100), Green (Q300), Beige (Q201), and White\* (Q800)

\*Note: White (Q800) Light Grey (Q700) Requires two color packs to ensure hiding. Like all epoxies, UV will cause coating to chalk and fade. Dark colors will tend to color shift when exposed to UV light or harsh chemicals. For optimal aesthetic lifespan consider Sanitile 934 topcoat.

### Carboline Company Sanitile 944 HB



[www.carboline.com](http://www.carboline.com)

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