

RUST-OLEUM®

9600 SYSTEM BRITECAST™ SEALER

DESCRIPTION AND USES

BriteCast™ Sealer is used as a sealer coat for BriteCast™ Decorative Quartz. BriteCast Sealer provides a clear high gloss finish with excellent cleanability.

BriteCast Sealer is a two component, 100% solids formula of epoxy resin and cycloaliphatic amine curative. An attractive, long-lasting, and easily maintained floor is the result of thorough quality control of materials.

PRODUCT FEATURES AND BENEFITS

- Suitable for use in food and beverage facilities.
- Chemical resistant: Offers resistance to acids, alkalis and solvents. Please refer to the chemical resistance guide.
- Adhesion: Outstanding bond to properly prepared surfaces.
- Wear resistance: Superior ability to withstand mechanical abuse and abrasion.
- Aesthetics: Good gloss retention. Can be used to obtain different textures.
- Adhesion: Excellent.
- Wear resistance: Superior ability to withstand mechanical abuse and abrasion.
- Gloss: Excellent.
- Minimum shutdown: Depending on ambient temperature, floors can be ready for foot traffic 12 hours after installation, full mechanical use in 24-48 hours, and full chemical exposure in 4 days.
- Sanitary: BriteCast™ SC Sealer is non-porous. It resists gritting and traffic soil, will not hold odors and is easily maintained. Will not dust.
- Tough: Has exceptionally high resistance to impact and thermal shock, and burnishing from forklift tires. May be used in wet areas, resists water erosion without moisture absorption. Suitable for use in a variety of industries where static control is a concern.

TYPICAL APPLICATIONS

BriteCast Sealer, in combination with BriteCast floor coating, is used in pharmaceutical applications, kitchens, bathrooms, locker rooms, or anywhere that ceramic tile is specified.

FINISH OPTIONS

There are three options for the final appearance of the BriteCast floor.

High Profile: A high profile finish is achieved with the application of only one coat of BriteCast Sealer. See coverage rate listed below. The finish has exposed aggregate which aids slip resistance.

Low Profile: A low profile finish is achieved with application of two coats of BriteCast Sealer. See coverage rate listed below. This finish has a lower degree of exposed aggregate and is easier to clean.

Orange Peel: An orange peel finish has a slight dimpled texture which is achieved with application of one coat of BriteCast Sealer and one coat of OverKrete Xtra OP finish. See coverage rate listed below.

PRODUCTS

BRITECAST SEALER

236896	3-Gallon Kit
236898	75-Gallon Kit

PACKAGING

KIT SIZE	Part A	Part B
3-Gallon Kit	3-gallon pail (partial)	1-gallon
75-Gallon Kit	50-gallon drum	(5) 5-gallon pails

High Profile: One coat applied at a coverage rate of 90-100 square feet per gallon.

Low Profile: First coat is applied at a coverage rate of 90-100 square feet per gallon. Second coat is applied at a coverage rate of 180-200 sq. ft. per gallon.

Orange Peel: First coat of BriteCast Sealer is applied at a coverage rate of 90-100 square feet per gallon. The OverKrete Xtra OP Finish is applied at a coverage rate of 200-320 square feet per gallon.

RUST-OLEUM®**9600 SYSTEM
BRITECAST™ SEALER****PRODUCT APPLICATION**

BriteCast Sealer is applied directly over BriteCast floor coatings after excess aggregate is swept and vacuumed.

MIXING

Note: Before starting, ensure that the material, concrete surface, and the ambient air are all 65-90°F. Mix the BriteCast Sealer with a birdcage mixer and electric drill. Hand mixing will produce inconsistent results and is not an approved method. Add Part A (resin) and Part B (activator) to the mixing pail. Mix for 60 seconds to ensure complete mixing of Parts A and B. Immediately pour on the floor.

APPLICATION

BriteCast Sealer is applied over BriteCast floor coatings or properly prepared concrete by one of two methods depending on the texture desired.

For a high profile finish a non-marking rubber squeegee is used to pull the sealer as tight as possible, followed by immediate rolling using a "wet" short nap roller. Coverage should be approximately 90-100 sq.ft./gal.

For a low profile finish apply a second coat of sealer in the same manner. Coverage should be approximately 180-200 sq.ft./gal.

CLEAN UP

Xylene can be used to remove material from equipment if it is cleaned before the material has started to set up. Otherwise, stronger solvents will be necessary.

SAFETY

BriteCast Sealer contains amine curing agents. Avoid skin contact. In case of eye contact or ingestion, contact a physician immediately. In case of skin sensitivity to these materials, use protective clothing and gloves.

SAFETY DATA SHEETS

Safety Data Sheets are available. It is strongly recommended that they be read by all persons handling BriteCast Sealer.

If there are any questions on the use of this product, please consult our technical service department.

PERFORMANCE CHARACTERISTICS**COMPRESSIVE STRENGTH**

METHOD: ASTM C579
TYPICAL VALUE: 7,900 psi

FLEXURAL STRENGTH

METHOD: ASTM C790
TYPICAL VALUE: 3,700 psi

TENSILE STRENGTH

METHOD: ASTM C638
TYPICAL VALUE: 3,900 psi

TABER ABRASION

METHOD: ASTM 4060, CS 17
TYPICAL VALUE: Loss/1000 cycles = 30 mg.

FILM HARDNESS, SHORE D

METHOD: ASTM D2240
TYPICAL VALUE: 85

EPOXY FLOOR COATING	TECHNICAL DATA	CP-18
 	9600 SYSTEM BRITECAST™ SEALER	

PHYSICAL PROPERTIES

		BRITECAST SEALER
Resin Type		Polyamine Converted Epoxy
Pigment Type		None
Solvents		Slight volume of Xylene
Weight*	Per Gallon	9.2 lbs.
	Per Liter	1.10 kg
Solids*	By Weight	100%
	By Volume	100%
Volatile Organic Compounds*		<215 g/l (1.79 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		16-18 mils (High Profile) 8-9 mils (Low Profile)
Wet Film to Achieve DFT		16-18 mils (High Profile) 8-9 mils (Low Profile)
Practical Coverage at Recommended DFT		90-100 sq.ft./gal (High Profile) 180-200 sq.ft./gal. (Low Profile)
Mixing Ratio		2 : 1 base to activator by volume
Induction Period		None
Pot Life @ 70-80°F (21-27°C) & 50% Relative Humidity		30 minutes. Higher temperatures and larger quantities of activated material will significantly reduce pot life. Pour material onto floor immediately after mixing.
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Foot Traffic	10-12 hours
	Full Use	16-30 hours
	Recoat	16 hours with itself or OverKrete Xtra OP
	Full Cure**	4-5 days
Shelf Life		5 years
Flash Point		>200°F (93°C)
Safety Information		CAUSES NOSE, THROAT, EYE AND SKIN IRRITATION. CAUSES EYE AND SKIN BURNS. HARMFUL IF SWALLOWED. MAY CAUSE ASTHMA, SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. SEE THE PRODUCT SAFETY DATA SHEET (SDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION

Calculated values are shown and may vary slightly from the actual manufactured material.

*Activated material

**Coating achieves its full physical and chemical resistant properties

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.



Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, Illinois 60061

Phone: 877-385-8155
www.rustoleum.com/industrial

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