

4600 SYSTEM BRITECAST™ SC SEALER ESD CONTROL EPOXY FLOOR COATING

PRODUCT DESCRIPTION

BriteCast[™] SC Sealer is used as a sealer coat on BriteCast[™] SC systems. BriteCast[™] SC Sealer provides a clear high gloss finish with excellent cleanup ability.

BriteCast™ SC Sealer is a two component, 100% solids formula of epoxy resin polymer, and cycloaliphatic amine curative. An attractive, long-lasting, and easily maintained floor is the result of thorough quality control of materials as well as proven formulations for specific needs.

This CPS Type II product is typically installed by factory trained contractors. Be sure you are fully aware of all application procedures and have all the required application equipment available prior to beginning application of this product.

FEATURES AND BENEFITS

- · 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 hours, and full chemical exposure in 4 days.
- Sanitary: Britecast™ SC Sealer is non-porous. It resists gritting and traffic soil, will not support bacterial growth, 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.

TYPICAL APPLICATIONS

BriteCast™ SC Sealer, in combination with BriteCast™ SC floor coating, is used where electrostatic control is required, in industrial, institutional, and commercial areas to resurface floors deteriorated by physical abuse and in new construction to provide, attractive, highly cleanable, and durable surfaces for concrete floors.

PACKAGING AND COVERAGE

BriteCast™ SC Sealer is available in the following kit sizes.

Kit size	Coverage
1 gal.	120 sq. ft. (11.1 m²)
15 gal.	1800 sq. ft. (167.2 m²)

Coverages will vary depending on desired texture.

PRODUCT APPLICATION

BriteCast[™] SC Sealer is applied directly over BriteCast[™] SC Floor Coatings, after excess aggregate is swept and vacuumed.

MIXING

Mix Britecast[™] SC Sealer with a Jiffler mixer and electric drill. Mix part A (resin) and part B (hardener) in the mixing pail for 60 seconds to ensure complete mixing.

APPLICATION

The amount of Britecast[™] SC Sealer used will affect the surface texture of the finish.

For a high profile finish use a rubber squeegee to pull the sealer as tight as possible, followed by immediate rolling using a "wet" short nap roller. Coverage should be about 120 sq. ft./gal., depending on desired texture.

For a low profile finish apply a second coat of sealer in the same manner.

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 such as methylene chloride will be necessary.

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



TECHNICAL DATA

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PRODUCT APPLICATION (cont.)

SAFETY

Britecast™ SC 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

MATERIAL SAFETY DATA SHEETS

Material Safety Data Sheets are available upon request. It is strongly recommended that they be read by all persons handling Britecast $^{\text{\tiny M}}$ SC Sealer.

PERFORMANCE CHARACTERISTICS

ABRASION RESISTANCE

METHOD: ASTM D1044, taber, C-17 wheel, 1,000 g. load,

1,000 cycles

RESULT: 0.11 g. max weight loss

IMPACT RESISTANCE

METHOD: ASTM D-2794 RESULT: 155 in.—lbs.

COEFFICIENT OF FRICTION

METHOD: ASTM D2047 (over FlorClad™)

RESULT: 0.6

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