

Excel-Coat BC-100 System



Decorative Quartz Broadcast Finish

COMPOSITION:

Excel-Coat BC-100 is a colored quartz, round aggregate, broadcast finish that can be utilized as a decorative concrete topping or balcony finish. The BC-100 finish is often used in conjunction with our acrylic waterproofing systems and decorative coatings.

BASIC USE:

Excel-Coat BC-100 is designed to provide a decorative skid-resistant wearing surface for exterior and interior pedestrian traffic areas such as walking decks, balconies, patios and stairways. Excel-Coat BC-100 can be used with the Excel-Coat Pedestrian Traffic Membrane System over concrete or the Excel-Coat lath and mortar Fire System over plywood. The composite system is durable to ultraviolet light exposure and allows for easy maintenance.

TECHNICAL DATA: [Excel-Coat Pedestrian Membrane System Over Concrete or Excel-Coat F/S Mortar Plus Membrane System](#)

PROPERTY	VALUE	ASTM TEST
Tensile Strength	2855 PSI	D-2707
Bond Strength-		
Plywood	138 PSI	C-297
Concrete	24 PSI	
Impact Test	No cracking	D-3320
Spread of Flame on	Class A	
Non-combustible	3 Ft.	E-108-82
Percolation Test	0.08 Perms	
Water Transmission	22.6/mx24hr	E-96
Abrasion Resistance	2.8%	D-1242

LIMITATIONS:

- Not for areas intended for vehicular traffic.
- Do not apply in constantly submerged or ponding conditions such as reflecting ponds or tanks.
- Do not apply over non-structural lightweight concrete without prior written approval by Excellent Coatings International.
- Not recommended for plywood substrate without first installing the Excel-Coat F/S system including waterproof membrane.

GRADE:

The Excel-Coat BC-100 System includes an aggregate receiving base coat (Excel-Coat Pigmented MERT or #300), a broadcast of decorative texture (Colored Quartz Aggregate), a second application of aggregate receiving base coat (Excel-Coat MERT), a second broadcast of decorative aggregate and a seal coat of clear Excel-Coat MERT. All products are suitable for horizontal use.

PACKAGING:

Excel-Coat MERT Clear, Excel-Coat 300 Pigmented, Excel-Coat primers and Excel-Coat waterproofing membranes are

available in 1 and 5-gallon containers (U.S. gallon measures). The Excel-Coat BC-100 colored quartz aggregate comes in 50 pound bags in various solid colors. Certain color combinations are made by job site premixing of aggregates.

SHELF LIFE:

Excel-Coat membrane materials and coatings have a twelve month shelf life from shipping date when stored indoors below 80°F. Do not allow products to freeze. Silica/Quartz aggregate should be stored in a cool dry area.

COLORS:

Excel-Coat BC-100 System is available in several standard solid colors. Instructions for custom color blending is available upon request. Minimum aggregate purchasing quantities (with possible overages) may be necessary depending on aggregate combinations requested.

APPLICABLE STANDARDS:

The Excel-Coat Pedestrian Membrane System meets the requirements of ASTM E-108-82 for a "CLASS A" Fire Retardant Roof over a non-combustible substrate. The Excel-Coat F/S Fire System meets the requirements for a "CLASS A" Fire Retardant Roof over a combustible substrate. Both are suitable under the BC-100 Decorative Finish.

JOB CONDITIONS:

Before any waterproofing or decorative coating work is started, the applicator shall thoroughly examine all surfaces for any deficiencies. Should any deficiencies exist, the Architect, Owner or General Contractor shall be notified in writing and any necessary corrections shall be made before proceeding.

Cold or inclement weather will effect the cure time of all Excel-Coat products. Do not install over wet substrate, in the rain or if the threat of rain exists within 24 hours.

INSTALLATION:

Refer to [Excel-Coat BC100 Application Guide](#) for additional instructions on the application procedure. Individual product data sheets may be located in the **Product Data** section of the Excel-Coat binder. Refer to the Pedestrian Traffic Membrane Application and Fire System Application Guides.

STORAGE AND HANDLING:

Store Excel-Coat products in a cool, dry area and protect from freezing. It may be necessary to stir Excel-Coat before using. Containers should be separated according to batch numbers to ensure color uniformity. When changing from one batch to another, blend one container from each batch together to ensure a smooth transition. Partial containers can be resealed. Should a top skin develop on the remaining contents of a container, the physical properties and effectiveness of the contents will not be impaired. Clean mixing and application tools with water. Dispose of empty containers properly according to current Local, State and Federal regulations.

Excellent Coatings International

10880 Poplar Avenue ♦ Fontana, CA 92337

Phone: 909-823-8800 ♦ 800-473-3817 ♦ Fax: 909-823-6309

<http://www.excellentcoatings.com> Email: info@excellentcoatings.com

HEALTH AND HAZARD INFORMATION:

Use the product with adequate ventilation and personal protection. Users must read container label and Safety Data Sheet (SDS) for specific health and safety precautions prior to use.

AVAILABILITY:

Immediately available from Excellent Coatings International and its authorized distributors.

COST:

Cost data is available from your local Excellent Coatings International authorized representative. For the name and number of the nearest local representative, call Excellent Coatings International at (800) 473-3817.

REPAIRS AND MAINTENANCE:

If damage or excessive wear occurs, simple repairs using the same product can be accomplished. Contact Excellent Coatings International for specific information regarding long-term maintenance. Cleaning can be accomplished by scrubbing with normal detergent soap and water. Heavy stains may require use of a commercially available All Purpose Cleaner.

PRODUCT GUARANTEE / WARRANTY:

Excellent Coatings International (ECI) warrants Excel-Coat products to be free of defects and manufactured to meet published physical properties for a period of one year following the date of shipment, provided that the product has been applied according to the manufacturer's instructions. Under this warranty, ECI will provide, at no charge, product in containers to replace any product proved to be defective in applications recommended by us as suitable for this product. All claims concerning the products' defects must be made within twelve months of shipment and within thirty days of discovery. Absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product. This warranty is IN LIEU OF any and all other warranties, expressed or implied, including, but not limited to, any implied warranty of MERCHANTABILITY of fitness for a specific purpose.

TECHNICAL SERVICE:

Authorized local representatives or distributors are available to provide design assistance and on-site application information for our products. Excellent Coatings International provides assistance in design and development of special applications and partial inspection. Part-time or full-time inspection and instruction are available on a fee basis upon arrangement. Technical Data is available upon request.