

# Excel-Coat MERT

## Data Sheet

### Acrylic Coating

#### **COMPOSITION:**

Excel-Coat MERT is a single component, fluid applied, clear acrylic coating.

#### **BASIC USE:**

MERT Clear is used in the BC100 Decorative Broadcast Finish system. MERT Clear is used to seal tape for Excel-Coat K/D II Tape and Trowel applications. The MERT Clear may also be used as a clear sealer over concrete floors.

#### **LIMITATIONS:**

- Do not apply in consistently submerged conditions such as tank linings.
- Do not apply over damp or wet surfaces.
- Do not apply in areas intended for vehicular traffic.
- Do not apply where high chemical resistance is required.

#### **GRADE:**

Excel-Coat MERT Clear is used primarily as a component of the BC-100 Quartz Broadcast Finish.

#### **PACKAGING:**

Excel-Coat MERT is available in 1 and 5 gallon containers.

#### **SHELF LIFE:**

Twelve months from the shipping date, stored between 55° and 80°F.

#### **INSTALLATION:**

##### **Preparation:**

1. Curing of concrete shall be by means of water cure or dissipating compounds. Curing compounds shall be approved by an authorized representative of Excellent Coatings International
2. Concrete shall be cured a minimum of 28 days prior to installation of the Excel-Coat MERT unless approved by an authorized representative of Excellent Coatings International
3. Concrete finish shall be a power metal float followed by a light steel trowel and fine-medium hair broom finish, or equivalent.
4. Concrete surfaces shall be free of excessive roughness, voids, protrusions or exposed aggregate.
5. All tooled joints and control joints shall be caulked with a sealant approved by Excellent Coatings International.

Moving structural cracks should be treated with an

epoxy crack repair material.

6. To topcoat existing systems, the system must be thoroughly cleaned (power washing with a detergent like TSP is acceptable) and primed.
7. Surfaces to receive coatings shall be properly sloped to freely drain and eliminate the ponding of water.

#### **Application to concrete:**

1. Prime concrete surfaces with Excel-Coat Primer at a rate of 250 square feet per gallon.
2. Apply Excel-Coat MERT at a rate of 75 – 125 square feet per gallon. Allow material to dry approximately 4 hours. Dry times may vary.

#### **Application to Excel-Coat Tape, Trowel & Skin system:**

Upon placement of tape or stencil, Excel-Coat MERT

Sealer may be applied to tape and extend 1-2 inches

on both sides to help seal the tape and avoid bleed

through of subsequent application. Sealer also aids in

keeping tape down tight. Apply with a brush and allow

to dry approximately 2 hours before moving on to the next step.

#### **Application in the BC-100 Broadcast Quartz Finish:**

Refer to the BC-100 Data Sheet and Application Guide for detailed instructions of this system.

#### **STORAGE AND HANDLING:**

Store Excel-Coat MERT in a cool, dry area and protect from freezing. It may be necessary to stir Excel-Coat MERT prior to use. Containers should be separated according to batch numbers to insure color uniformity. When changing from one batch to another, blend containers from each batch together to ensure a smooth color transition. Partial containers can be resealed. Should a top skin develop on the remaining contents of the container, the physical properties and effectiveness of the material will not be impaired. Clean

## Excellent Coatings International

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mixing and application tools with water. Dispose of empty containers according to current Local, State and Federal regulations.

**HEALTH AND HAZARD INFORMATION:**

Use products 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:**

Excel-Coat MERT is immediately available from Excellent Coatings International and authorized representatives.

**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.

**MAINTENANCE:**

Cleaning can be accomplished by scrubbing with normal detergent soap and water. Heavy stains may require scrubbing with a TSP solution and stiff broom. Contact Excellent Coatings International regarding long-term maintenance. If damage occurs, simple repairs may be accomplished with the same product.

**PRODUCT GUARANTEE/WARRANTY:**

Excellent Coatings International warrants Excel-Coat MERT to be free of defects and manufactured to meet published physical properties for a period of one year following the date of shipment, provided the product has been applied per the manufacturer's specifications. Under this warranty, Excellent Coatings International will provide, at no charge, product in containers to replace any product proven to be defective in applications recommended as suitable for said product. All claims concerning the products defects must be made within 12 months of shipment and within 30 days of discovery. Absence of such claims in writing 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 are available to provide design assistance and on site instruction for our products. Excellent Coatings International provides assistance in design and development of special applications and partial inspection. Part-time or full-time inspection is available on a fee basis upon arrangement. Technical data available upon request.