



## **GUIDELINES FOR PRECAST EPOXY TERRAZZO TREAD INSTALLATION**

### **1. SUBSTRATE INSPECTION**

- A. Surface inspection for cracking and defects.
- B. Dimension verification of architectural drawings, shop drawings, and substrate.
- C. Any corrections to substrate are to be completed before installation.

### **2. PRECAST TREAD LAYOUT**

- A. Finish heights at all floors and landings to be established
- B. Divide number of risers into the floor to landing height and determine the exact riser height.
- C. Establish exact tread width.
- D. Layout and mark all finished nosing locations on walls or stringers of stairway.
- E. Check precast tread dimensions before setting.

### **3. INSTALLATION OF PRECAST TREADS - THINSET APPLICATION OVER STEEL**

- A. Substrate must be within a tolerance of 1/8" in all dimensions.
- B. Steel surface to be free of all foreign debris.
- C. Epoxy thinset is used with a notched trowel to achieve full coverage.
- D. Set treads level and plumb to meet finished nosing layout marks.

### **4. INSTALLATION OF PRECAST TREADS - THINSET APPLICATION OVER CONCRETE**

- E. Substrate must be within a tolerance of 1/8" in all dimensions.
- F. Concrete surface to be free of all foreign debris.
- G. Epoxy thinset is used with a notched trowel to achieve full coverage.
- H. Set treads level and plumb to meet finished nosing layout marks.

### **4. CAULKING OF PRECAST TREADS**

- A. Clean all joints thoroughly, removing all debris.
- B. Wipe all joints with caulk manufacturer's recommended cleaner prior to application.
- C. Use a urethane caulk. (Color match caulk to precast per Architect selection.)
- D. Clean up after caulking as per caulk manufacturer's recommendation.

### **5. FINAL CLEANING AND SEALING OF PRECAST TREADS**

- A. Clean treads using a Neutral pH cleaner.
- B. Check all surfaces and caulking, make repairs as necessary.
- C. Apply a coat of concrete sealer as per sealer manufacturer's recommendations. (Precast must be completely clean and dry before sealer is applied)