



PRECASTTEK™

PreCastTek™ Terrazzo Art Fabrication System

Flooring Specification – Factory Fabrication System

For questions or assistance, please contact:

Creative Edge 601 S. 23rd St., Fairfield, IA 52556

Phone: 800-394-8145 Fax: 641-472-2848

creativeedgeia.com

terrazzotek.com

Creative Edge is sole manufacturer of PreCastTek™ terrazzo art fabrication system.

PreCastTek™ is used for factory fabrication of detailed terrazzo designs where the number of colors and the intricacy of the design preclude on site layout, mixing and application.

Creative Edge recommends material being used in conjunction with PreCastTek™ be installed using ASTM, ANSI, NTMA, and TCA approved methods.

PART ONE – GENERAL

1.1 SUMMARY

- A. PreCastTek™ is specified when:
 - 1. Design requires highly detailed features.
 - 2. Metal divider strips are not desired for design reasons
 - 3. Floor cannot be tied up for long periods of time during installation
- B. PreCastTek™ achieves accurate terrazzo design and fabrication based on approved shop drawings of original design.
- C. PreCastTek™ sole purpose is to provide accurate and quick installation of original design intent. No intent to affect quality or style of product used in conjunction, is implied.
- D. Diagrams are provided with each set of PreCastTek™ patterns and subassemblies.
- E. Once pattern is in place, use epoxy adhesive to fasten PreCastTek™ subassemblies to substrate.
- F. Field terrazzo slurry can be applied surrounding PreCastTek™ elements. All field and PreCastTek™ elements can be ground and polished together as the final step.

1.2 REFERENCES

- A. National Terrazzo and Mosaic Association (NTMA): Terrazzo Specifications and Design Guide
- B. ASTM 150 – Standard Specification for Portland Cement

1.3 QUALITY ASSURANCE

- A. Creative Edge will provide accurate duplication of approved shop drawings in PreCastTek™ template and provide diagram of templates which fit together to form the whole pattern.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Packaging and Shipping: PreCastTek™ is shipped in manufacturer's packaging.
- B. Packaging will be able to withstand shippers mishandling up to a three-foot drop. If packaging has been received with visible damage, product should be inspected immediately and reported using standard shipping damage procedures.
- C. Storage and Protection: If boxes are received with no visible damage, inspect shipment and verify materials coincide with amounts on packaging slip. Store PreCastTek™ in original packaging until ready for use.

1.5 PROJECT CONDITIONS

- A. Inspect surfaces to receive PreCastTek™ Inspect for dirt, dust, debris, or other material which causes templates not to align or interlock.

1.6 WARRANTY

- A. Creative Edge warranties accuracy of design based on approved shop drawings.

1.7 MAINTENANCE

- A. When finished, wipe off loose debris and store in original boxes. Section 096801 – Guide Specifications for Terrazzo Art Fabrication System 096801 - 2 Terrazzo Art Fabrication System

1.8 RELATED SECTIONS

- A. Sections in General Requirements for Material Delivery, Storage, Handling, and Protection
- B. Section 03 30 00, CAST-IN-PLACE CONCRETE
- C. Section 09 66 23.16 EPOXY TERRAZZO

PART TWO – PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable product manufacturers:
Creative Edge
601 S. 23rd St. Fairfield, IA 52556
Phone: 641-472-8145
Fax: 641-472-2848

2.2 MATERIALS

- A. Precast terrazzo tiles from commercial product offerings
- B. Precast terrazzo slabs, custom made for specific project palette.
- C. Epoxy adhesive colored per designer specification.

2.3 MANUFACTURED UNITS

- A. Input sizes, generally 12” to 48”, to be based on design pattern and product from which substrate is made.
- B. Subassemblies generally 18” to 36”.

2.5 FABRICATION

- A. Waterjet is preferred method of transferring design
- B. Any method used which is not CAD/CAM to have architect approval
- C. Tolerances: 1. +/- 0.010

PART THREE – EXECUTION

3.1 PREPARATION GUIDELINES

- A. Area to receive PreCastTek™ fabricated units:
 - 1. Area to be free of dust, dirt, debris and any other material which prohibits templates from aligning or interlocking.
 - 2. Area and design have been approved by architect.

3.2 INSTALLATION GUIDELINES

- A. All work to be performed by trade contractors, tile and marble setters, and finishers who are thoroughly competent to execute work and have had successful experience with projects of similar magnitude.

3.3 CLEAN UP

- A. Clean all areas and surfaces upon completion of Work specified herein.

End of Section