Grip-Tie Product Specifications

PART 1 GENERAL

1.1 SECTION INCLUDES

A. Masonry repair systems

1.2 RELATED SECTIONS

A. Section 04900 - Masonry Restoration and Cleaning: Coordination and installation requirements.

1.3 REFERENCES

A. ACI 530.1/ASCE 6/TMS - Specifications for Masonry Structures
B. American Society for Testing and Materials (ASTM) B 16, Type 360 Brass
C. ASTM - 580A, Type 304 S.S.
D. BIA TEKNOTE 46

1.4 SUBMITTALS

A. Submit under provisions of Section 013300
B. CTP Stitch-Tie: Manufacturers data sheets on each product to be used including:
   1. Preparation instructions and recommendations.
   2. Storage and handling requirements and recommendations.
   3. Installation methods

1.5 DELIVERY, STORAGE AND HANDLING

A. Store products in manufacturer's unopened packaging until ready for installation.

PART 2 PRODUCTS

2.1 MANUFACTURER

A. Acceptable Manufacturer:
   Construction Tie Products, Inc. (CTP, Inc.)
   7974 West Orchard Drive
   Michigan City, IN, 46360-9390 USA.
2.2 PRODUCTS

A. Masonry Repair and Restoration Re-Anchoring Existing Veneers (Selection based on application):

   a. 5000 Series CTP Grip-Tie Mechanical Repair Anchor
   b. 5000R Series CTP Grip-Tie Mechanical Repair Anchor

   a. 5100 Series CTP Grip-Tie Mechanical Repair Anchor

3. Application: Masonry Veneer to Structural Steel Back-up.
   a. 5100 Series CTP Grip-Tie Mechanical Repair Anchor

4. Application: Masonry Veneer to Timber/Steel Stud Back-up
   a. 5300 Series CTP Grip-Tie Mechanical Repair Anchor
   b. 5300R Series CTP Grip-Tie Mechanical Repair Anchor

PART 3 EXECUTION

3.1 PREPARATION

A. Locate anchors in the area to be anchored per project drawings and details.

3.2 INSTALLATION

A. Select proper anchor length by field verification.
B. Drill proper pilot hole size per anchor type and blow out drill fines.
C. Using appropriate setting tool and adapters, tighten back-up anchor to recommended torque range, then tighten facade portion to the recommended torque range.
D. Conceal anchor with specified grout or caulk.