CSI - SECTION 06 25 00 PRE-FINISHED PANELING

Bespoke Wall Panels

PART 1 GENERAL

1.1. SECTION INCLUDES

1. Decorative 1/2” – 1” thick prefinished panel applied utilizing pre-engineered fixing and trim systems, for installation direct to studs or solid substrate.  
     
   Fixing System: Aluminium “Z” Clips or Construction adhesive.  
    **Trim Systems (optional):**

* Aluminum reveals and edge trims
* Bespoke Wall Panels Z-Trim System (3/4” MDF panels only)

**Panels:**

* Armourcoat Polished Plaster and Architectural Coatings finishes directly applied to flame retardant, formaldehyde free MDF substrate.

1.2. RELATED SECTIONS

1. Section 09 29 00 - Gypsum Board.
2. Section 09 91 23 - Interior Painting.
3. Section 09 21 00 - Gypsum Board Assemblies.
4. Section 09 22 16 - Non-structural metal framing.

1.3. Submittals

Reference Section 01 30 00 - Submittal procedures. Submit the following items:

1. Product Data: Provide manufacturer’s information per sections below:
2. Drawing Detail Sheets as listed.  
   **Note to specifier: DELETE AS APPROPRIATE**
   * AI-44-002ST12-01-01 Bespoke Wall Panels - Z Clip Fixing Detail
   * AI-44-006ST13-01-02 Bespoke Wall Panels - Trim Detail - Double Fin
   * AI-44-007ST13-01-02 Bespoke Wall Panels - Trim Detail - Shadow Fin
   * AI-44-007ST13-01-02 Bespoke Wall Panels - Trim Detail - Shadow Fin
   * AI-44-008ST13-01-02 Bespoke Wall Panels - Trim Detail - Single Fin
   * AI-44-009ST14-01-01 Bespoke Wall Panels - Z-Trim System - Narrow
   * AI-44-010ST14-01-01 Bespoke Wall Panels - Z-Trim System - Recessed
   * AI-44-011ST14-01-01 Bespoke Wall Panels - Z-Trim System - Narrow Channel
   * AI-44-012ST14-01-01 Bespoke Wall Panels - Z-Trim System - Wide Channel
3. Shop Drawings: Provide elevations of each wall - indicate panel designs (inclusive of individual panel control number), panel size/s, fixing system required, trim details (optional) and locations.
4. Samples: Submit [\_\_\_\_\_] samples, 12 x 12 inches in size, illustrating color, texture, and design.
5. Warranty: Sample copy of manufacturer’s warranty stating obligations, remedies, limitations, and exclusions of warranty.

1.4. Quality Assurance

1. Installer Qualifications: Company specializing in performing work of this Section.
2. Single Source Responsibility: Provide only proprietary, factory-formulated products as produced by Armourcoat Surface Finishes specifically for applications indicated. Substitutes with the system are   
   not permitted.

1.5. Mock-up  
Note to specifier: DELETE AS APPROPRIATE

* A mock-up may not be required. Samples and scaled drawings of the areas to be finished should be supplied.
* A site mock-up is required and will not form part of the finished project.
* A site mock-up is required and will form part of the finished project.

1.6. Delivery, Storage, Handling

1. Deliver materials to the project site in their original packaging with manufacturer’s labels identifying manufacturer and product; color designation; lot number; and date of manufacture.
2. Inspect materials upon delivery and immediately report to Armourcoat Surface Finishes, Inc damaged or defective materials. This must be done within 24 hours of acceptance of delivery.
3. Store panels in shipping crates until ready to be installed. Never stack panels against a vertical surface as there is a chance they may warp.
4. Protect panels against damage from moisture, direct sunlight, and surface contamination.
5. Store panels in area of installation for a minimum of 24 hours prior to installation.

1.7. Project, Site Condition

1. Environmental Requirements: Do not install and/or finish Armourcoat’s Custom Panel system when substrate or ambient air temperature is under 45º F (7º C) or over 86º F (30° C) and when the relative humidity conditions are above 70%. Maintain these conditions 24 hours before, during and after installation completion.
2. It is preferable that finished project lighting be installed and fully operational in desired  
   finished state/orientation prior to any finishing work.

1.8. Warranty

1. Provide manufacturer’s standard written warranty.

PART 2 PRODUCTS

2.1. MANUFACTURERS

**Acceptable Manufacturers:**

1. Armourcoat Surface Finishes Inc. 4330 Production Court, Las Vegas,   
 Nevada, 89115, USA Tel: 702 644 0601 Fax: 702 644 0554  
 Email: sales@usa.armourcoat.com Web: [www.armourcoat.com](http://www.armourcoat.com)

2. Armourcoat Ltd. Morewood Close, London Road, Sevenoaks,   
 Kent TH13 2HU, UK Tel: +44 (0)1732 460668. Fax: +44 (0)1732 450930  
 Email: sales@armourcoat.co.uk Web: www.armourcoat.com

2.2. Product: BESPOKE WALL PANELS

1. Design: [Custom design: Control number: AFX... as shown on architectural drawings and as approved on shop drawings / Multiple designs as indicated in Schedule at end of this Section.]
2. Finish: [To match Architect’s approved sample / multiple finishes as indicated on Schedule at end of this Section.]
3. Color: [\_\_\_\_\_\_\_ / multiple colors as indicated on Schedule at end of this Section].
4. Panel sizes: [Limited to no bigger than 96”X48” – (\_\_\_\_\_\_height X \_\_\_\_\_\_\_width) –  
   drawing reference \_\_\_\_\_\_\_\_\_\_]
5. Panel shapes: [describe if custom shape – drawing reference/s]
6. Panel edges: Square and painted:  
   **Note to specifier: DELETE AS APPROPRIATE**
   * + paint to match surface color
     + paint to match paint reference color \_\_\_\_\_\_\_\_\_\_\_\_

2.3. MATERIAL

1. Bespoke Wall Panels. Panel sizes and thickness dependent upon design.
   * + 1. Panel thicknesses: Substrate thickness options – 1/2” / 5/8” / 3/4”. For total panel thickness allow for extra:
   * Nominal thickness increase for Perlata or Tactite
   * 1/32” for Spatulata
   * 1/16” for Smooth/Armuralia
   * 1/16” for Pitted/Dragged/Travertine
     + 1. Panel weights:
   * 1/2” - 2.1lbs / sq ft (for paint finishes) through to 2.75lbs / sq ft (for textured plaster finishes)
   * 5/8” - 2.6lbs / sq ft (for paint finishes) through to 3.25lbs / sq ft (for textured plaster finishes)
   * 3/4” - 3.1lbs / sq ft (for paint finishes) through to 3.75lbs / sq ft (for textured plaster finishes)
     + 1. Substrate panels are made from a Medium Density Fibre board containing pre-consumer recycled wood fibre.
2. Accessories
   * + 1. Fixing system:  
          **Note to specifier: DELETE AS APPROPRIATE**
   * “Z” Clip fixing systems (projection distance from wall to back of   
      panel – 0.2”-0.25”)
   * Construction adhesive
     + 1. Trim system:   
          **Note to specifier: DELETE AS APPROPRIATE**
   * None required - leave open joints with \_\_\_\_\_\_ space between panels
   * Aluminum reveals and edge trims directly fixed to the wall surface
   * system (3/4 MDF panels only)  
      **Note to specifier: DELETE AS APPROPRIATE**
   * Narrow: AI-44-009ST14-01-01 Bespoke Wall Panels - Z-Trim System
   * Recessed: AI-44-010ST14-01-01 Bespoke Wall Panels - Z-Trim System
   * Narrow Channel: AI-44-011ST14-01-01 Bespoke Wall Panels - Z-Trim System
   * Wide Channel: AI-44-012ST14-01-01 Bespoke Wall Panels - Z-Trim System

PART 3 EXECUTION

3.1. EXAMINATION

1. Verify the suitability of existing conditions before starting work.
2. Verify that final lighting is in place and is fully operational.
3. Acceptable Substrate Tolerances: Verify that substrates are true and level. Substrates shall be constructed to the following tolerances: +/- 0.05 inches in 2 feet and +/- 0.15 inches in 6 feet.
4. Do not begin work of this Section until unsatisfactory conditions have been corrected. Beginning of work constitutes installers acceptance of site and substrate requirements met as put forward in this document.

3.2. PREPARATION

1. Remove hardware, electrical switch and outlet plates, lighting fixtures and other items already in place that are not to receive finish. After completion of work, reinstall items using workers skilled in the trades involved.
2. Protect adjacent surfaces and items that are not to receive finish, but which cannot be removed, from finish work. Use masking materials that will not damage protected items and surfaces.
3. Clean substrates of substances that could impair bond including mold, mildew, oil, grease, salts, contamination, and dirt using methods recommended by manufacturer.

3.3. INSTALLATION

1. Install panels in accordance with Manufacturer’s Installation Instructions.
2. Provide finish free of unsightly defects.

3.4. CLEANING AND PROTECTION

1. Remove temporary coverings used to protect adjacent surfaces and reinstall hardware, plates, lighting fixtures and other items previously removed.
2. Clean and repair adjacent surfaces and items soiled or damaged during Work of this Section.
3. Maintain and protect completed/installed Bespoke Wall Panels until time of acceptance at Substantial Completion. Use protecting coverings which are tape fixed around back side of panel. Do not tape fix to face of panel.