

SECTION 07 21 01

GRADE LEVEL INSULATION COVER SHEET

PART 1 – GENERAL

1.01 SUMMARY

- A. Related Documents:
The Drawings and general provisions of the Contract, including General and Supplementary General Conditions, and Division 1 Requirements, apply to the work in this Section.

1.2 SECTION INCLUDES

- A. Section Includes, without limitation, providing:
 - 1. Grade level insulation protection cover sheet.
- B. Extent, without limitation, includes: Protection for foundation and wall insulation exposed at grade level.

1.3 RELATED WORK

- A. Related Sections, without limitation, include:
 - 1. Section 07 21 13 – Board Insulation

1.4 SYSTEM DESCRIPTION

- A. Fiberglass reinforced plastic (FRP) barrier providing protection for insulation exposed at grade level.

1.5 SUBMITTALS

- A. Submit manufacturer's product data and installation instructions under provisions of Section 01 33 00.
 - 1. Product Data: Manufacturer's literature including installation instructions, use restrictions and limitations.

1.6 QUALITY ASSURANCE

- A. Provide products of acceptable manufacturers which have been in satisfactory use in similar service for 5 years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

1.7 WARRANTY

- A. Warranty: Provide manufacturer's standard 10 year warranty.

PART 2 - PRODUCTS

2.1 MANUFACTURER

- A. Acceptable manufacturers and fabricators, subject to compliance with requirements, include:
 - 1. Nudo Inc.
 - 2. Substitutions: Under provisions of Section 01 60 00.
- B. Basis of design: Nudo Inc.; "GroundBreaker".

2.2 MATERIALS

- A. Sheet or roll fiber reinforced plastic as follows:
 - 1. Sheet lengths: Available in 50 foot rolls.
 - 2. Widths: Available in 12, 24, and 48 inch heights as required to cover all exposed board insulation above grade.
 - 3. Thickness: 0.060 inch.
- B. Characteristics:
 - 1. UV light resistant.
 - 2. Stain, odor and moisture resistant.
 - 3. Shatter resistant.
 - 4. Color: Selected by Architect from Manufacturer's standard colors.
- C. Accessories: Provide manufacturer recommended components, fasteners, adhesives and trim; where exposed, provide matching color to sheet product.

PART 3 - EXECUTION

3.1 GENERAL

- A. Install materials and systems in accordance with manufacturer's instructions, limitations and restrictions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Examination: Verify that field conditions are acceptable and are ready to receive work.
 - 1. Level or ensure that insulation to receive sheet protection are plumb, plane and free to irregularities that will telegraph through installed surfaces.
 - 2. Ensure insulation is fully attached or bonded to wall substrates. Correct loose or unsound installations.
- C. Preparation: Plane, shave and prepare exposed insulation surfaces.

3.2 INSTALLATION

- A. Install components plumb and level, accurately fitted, free from distortion or defects, and as follows:
 - 1. Install protection sheet as shown, if not as given below.
 - 2. Anchor, fasten or adhere assemblies securely to insulation using products that

will not damage or dissolve insulation. Use only solvent free adhesives with a track record of durability to exterior conditions.

3. Separate dissimilar materials with bushings, gaskets, grommets, washers or coatings where required to prevent electrolytic corrosion.
4. Use manufacturer's recommended components and hardware unless otherwise shown.

END OF SECTION