

Ure-K Protective Coating for Polyurethane and Styrofoam Specification Guide 0998

PART 1 – GENERAL

1.01 Work Included:

- A. The work to be performed under this section shall include all materials, equipment, labor and services required to install the sprayed cellulose fiber in accordance with these specifications and as indicated on the drawings if applicable.
- B. A representative surface of not less than 100 square feet shall be sprayed and approved by the Architect and/or Owner prior to proceeding.

1.02 Related Work:

- A. Clips, hangers, supports, sleeves and other attachments to spray bases are to be placed by other trades prior to the application of sprayed insulation.
- B. Ducts, piping, conduit or other suspended equipment shall not be positioned until after the application of sprayed insulation.

1.03 Systems Description/Quality Assurance:

- A. Contractor must use a total system, encompassing equipment; fiber and adhesive as supplied and tested by the manufacturer. No substitution may be made.
- B. Fibers supplied under this specification shall have each bag coded with the date and lot number of manufacture, and retained samples shall be kept by the manufacturer for not less than one year.
- C. Contractor must be licensed and trained by the manufacturer.

1.04 Submittals:

- A. Submit product data and manufacturer's certificate that the product meets or exceeds specified requirements.
- B. Manufacturer's written certification that product contains no asbestos, fiberglass or other man made mineral fibers.

1.05 Product Delivery, Storage and Handling:

- A. Materials shall be delivered in original, unopened containers bearing name of manufacturer, product identification and reference to Factory Mutual Approval.
- B. Store materials off ground, under cover and away from damp surfaces and keep material dry at all times.
- C. Protect liquid adhesive from freezing.

1.06 Alternates:

- A. A request for alternate products must be made in writing by a bidding General Contractor not less than 10 days prior to bid for written approval of the Architect. All requests must include documentation as outlined in this specification and meet all requirements herein. A product sample not less than 12" x 12" must accompany each request.

PART 2 – PRODUCTS

2.01 Acceptable Manufacturers:

- A. International Cellulose Corporation
12315 Robin Boulevard
Houston, Texas 77045
(713) 433-6701 or (800) 444-1252
FAX: (713) 433-2029

2.02 Materials:

- A. Ure-K Spray Coating. Color shall be _____ or as indicated in the schedule.
 - 1. Bond strength must exceed 10 times weight of product @ 1".
 - 2. The sprayed coating must have been tested under the following procedures:
 - a. Full Scale Factory Mutual Corner Test.
 - b. ASTM E-119 twenty five minute minimum duration.
 - c. Enclosed Room Test.
 - 3. The sprayed coating must meet appropriate Building Code as a protective coating for cellular plastic foam insulation (25-minute minimum duration).
 - 4. The sprayed insulation must meet ASTM E-1042.
 - 5. NRC rating .75 at 1" on solid back.

PART 3 – EXECUTION

3.01 Inspection – Preparation – Installation:

- A. The installing contractor shall examine all surfaces and report all unsatisfactory conditions in writing to the General Contractor and Architect. The work shall not proceed until unsatisfactory conditions are corrected.
- B. Provide masking, drop cloths or other satisfactory coverings for all materials/surfaces which are not to receive insulation so as to prevent damage from overspray.
- C. The work shall be coordinated with other trades whose work may be affected or have an effect on the installation of the sprayed cellulose fiber.
- D. Installation, clean up and curing shall be accomplished according to the manufacturer's recommendations and common construction standards.
- E. Provide natural or mechanical ventilation continuously to properly cure the insulation.

3.02 Protection

- A. Protect finished installation under provision of section 01500 and 01535.

3.03 Schedule:

- A. Provide a schedule when insulation requires listing by thickness, insulation value, acoustic values, color and other attributes.
-
-