



## SPECIFICATION GUIDE

# ENVIROGUARD FIRST CHOICE

### Cellulose Insulations

#### PART I - 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 sprayed cellulose fiber in accordance with these specifications and as indicated on the drawings, if applicable.

##### 1.02 - RELATED WORK:

- A. All electrical, plumbing, and mechanical penetrations must be completed prior to application.

##### 1.03 - QUALITY ASSURANCE:

- A. Contractors must install the sprayed applied system with water to activate the incorporated dry adhesive for wall and/or attic applications.
- B. It is recommended that an in-line wetting system be used in attic applications, and a two jet nozzle be used in wall cavity applications, and other equipment approved by the manufacturer to assure proper applied insulation density.
- C. Contractor must be approved by the manufacturer.

##### 1.04 - SUBMITTAL

- A. Submit product data and manufacturer's statement certifying product meets or exceeds specified requirements.
- B. Submit manufacturer's statement certifying the 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 bags bearing name of manufacturer, product identification and reference to Underwriters Laboratory testing.

#### PART 2 – PRODUCTS

##### 2.01 – ENVIROGUARD FIRST CHOICE CELLULOSE INSULATION PRODUCTS

- A. Acceptable manufacturers and contractors

TASCON INDUSTRIES, INC.  
P.O. Box 40970  
Houston, Texas 77240  
Contact Tascon Industries, Inc. for approved contractors  
Tel 800-937-1774 -713-937-0900 - Fax 713-937-1496  
www.tasconindustries.com

##### 2.02 – INSULATION MATERIALS

- A. EnviroGuard stabilized attic and wall cavity spray insulation

##### B. Materials Testing

1. ASTM C 1149-90 Type II Wall Spray; ASTM 1490 Material's containing a dry adhesive that is activated by water during installation.
2. Surface Burning Characteristics Tested by Underwriters Laboratories, ASTM E 84 Flame Spread 15 Smoke Developed 0
3. Each bag will bear UL reference
4. Starch Content ASTM D 591
5. Moisture Vapor Sorption-ASTM C739 & 1149 Type II
6. Sound wall Test-ASTM E 90 & C 423
7. Corrosiveness-ASTM C 739 & 1149 Type II
8. Aging-ASTM D 1499, 5 years no change
9. Complies with the requirements of CABO Model Energy Code-BOCA, ICBO, and SBCCI building Codes
10. Meets applicable requirements of HUD UMB-80
11. Thermal Resistance in accordance with ASTM C518 R-Value of 3.5 per inch, K-Factor of .28

#### PART 3 – EXECUTION

##### 3.01 INSPECTION/PREPARATION

- A. The installing contractor shall examine all surfaces and report all unsatisfactory conditions in writing to the Architect, Builder, General Contractor. The work shall not proceed until unsatisfactory surface conditions are corrected.

##### 3.02 - APPLICATION

- A. Equipment and application shall be in accordance with manufacturer's application instructions.
- B. Provide masking, drop cloths, or other satisfactory coverings for all surfaces which are not to be sprayed so as to prevent damage from overspray.
- C. The work shall be coordinated with other trades where work may be affected or have an effect on the installation of the sprayed cellulose fiber.
- D. Installation, clean-up, and curing shall be according to manufacturer's recommendations and common construction practices.
- E. Provide natural or mechanical ventilation to quickly cure the sprayed insulation material.

##### 3.03 - SCHEDULE

- A. Provide a chart(s) relating insulation by thickness, R-values, STC ratings, or other attributes where required.