



Submittal Sheet:
ENVIROGUARD FIRST CHOICE Cellulose Insulation

ENVIROGUARD FIRST CHOICE Cellulose Insulation is specifically designed to be installed in attics and exterior walls to provide thermal protection from heat and cold temperatures. **ENVIROGUARD FIRST CHOICE** Cellulose Insulation should be applied with electro-mechanical equipment equipped with a water injection in-line nozzle for pneumatically blowing insulation with water-activated adhesive into attics and walls to achieve a monolithic seal.

- Complies with U.S. Consumer Products Safety Commission (CPSC) regulations
- Complies with U.S. Department of Housing and Urban Development (HUD) regulations
- Complies with Federal Housing Administration (FHA) & Veterans Administration (VA) regulations
- Complies with ASTM E-84, Surface Burning Characteristics of Building Materials
- Complies with ASTM C 1149-97, Standard Specification for Self Supported Spray Applied Cellulosic Thermal Insulation
- Complies with ASTM C 1497-01, Specification for Cellulosic Fiber Stabilized Thermal Insulation
- Complies with ASTM C 739-00, Specification for Cellulosic Fiber Stabilized Thermal Insulation (when applied in dry form)
- Carries the UL label (Underwriter's Laboratories)
- Meets EPA Guideline for Procurement of Building Products Containing Recycled Materials, 40 CFR Part 248 (contains 85% post consumer paper)

- Flammability
 - Flame Spread (15)
 - Smoke Developed (0)
- Smolder Combustion (<15)
- Has Class 1 (A) fire rating
- Density
 - Walls (3.0 lbs p/ft³)
 - Attics (1.6 lbs p/ft³)
- Thermal Resistance (R-value = 3.7 p/inch)
- Corrosiveness (Passed)
- Fungi Resistance (Passed)
- Moisture Resistance (Passed)
- Odor Emission (Passed)
- Bond Strength (>2X weight)
- pH (6.8±.2)
- Noise Reduction Coefficient = 80%

Tascon ENVIROGUARD FIRST CHOICE Cellulose Insulation Transmission Coefficients:*

METAL STUD WALL ASSEMBLIES

STC	Construction Details
55	2½" metal studs, 16" OC, 1 + 1 layers of ½" gypsum board 2½" of cellulose insulation
58	2½" metal studs, 24" OC, 1 + 1 layers of ⅝" gypsum board 2½" of cellulose insulation
54	3⅝" metal studs, 24" OC, 1 + 1 layers of ⅝" gypsum board 1" of cellulose insulation
56	3⅝" metal studs, 24" OC, 1 + 2 layers of ⅝" type X gypsum board 1" of cellulose insulation
58	3⅝" metal studs, 24" OC, 2 + 2 layers of ⅝" type X gypsum board 1" of cellulose insulation

WOOD STUD WALL ASSEMBLIES

STC	Construction details
49	2" x 4" plate, 2" x 4" wood studs, 16" OC, 1+1 layers of ½" gypsum board 3½" of cellulose insulation
51	2" x 4" plate, 2" x 4" wood studs, 16" OC, 1+1 layers of 5/8" gypsum board 3½" of cellulose insulation
61	2" x 6" plate, 2" x 4" staggered wood studs, 16" OC, 1+1 layers of 5/8" gypsum board 5½" of cellulose insulation
63	2" x 6" plate, 2" x 4" staggered wood studs, 16" OC, 2+1 layers of 5/8" gypsum board 5½" of cellulose insulation
65	2" x 6" plate, 2" x 4" staggered wood studs, 16" OC, 2+2 layers of 5/8" gypsum board 5½" of cellulose insulation

* Riverbank Acoustical Laboratories; Some values interpolated