

*Choosing environmentally friendly building products today,  
ensures sustainable structures for future generations.*



## Industry first cellulose 3.5" and 5.5" batt insulation

Renewable and Recycled Fibers

Environmentally Responsible

No Scrap Production

Zero Landfill

Class A Building Material

Superior Noise Absorption

STC 50 in 2"x4" Steel Stud Wall

Friction Fit

LEED Eligible

Does not Irritate Skin

Easy to Install

R20 - 5.5" batt

R13 - 3.5" batt



[cmsgreen.com](http://cmsgreen.com)



green

innovative

performance

responsible

value

## Product Performance

- High R-value performance
  - R13 - ECOCELL® 3.5" batt
  - R20 - ECOCELL® 5.5" batt
- Meets or exceeds ASTM testing for both commercial and residential insulation
- Controls and deadens sound due to density of cellulose fibers and non-woven manufacturing process
- Reduces airborne sound transmission from room to room and blocks outdoor noise for a noticeable quietness
- Easy to handle and install, no special equipment required to install
- Manufactured for a tight, friction fit
  - available in 16" or 24"



## Environmental Responsibility

- Made from a combination of recycled and renewable fibers, majority of which is post-consumer recycled newspapers
- Contains a minimum of 70% recycled content
- Zero waste in the manufacturing process
- CMS creates a "greener" manufacturing process by reducing energy use and air pollution during manufacturing
- Environmentally responsible - entirely recyclable

## Product Safety

- Class A fire rating
- Easy to handle compared to fiberglass insulation products
- Contains no harmful airborne particles
- Does not itch or irritate skin
- Contains an EPA registered fungicide to resist the growth of mold



## Physical Properties

|   |                       |  |      |
|---|-----------------------|--|------|
| • Surface Burning Characteristics<br>ASTM E-84, UL 723                | Flame Spread          | Class A  | 15   |
| • Flammability Characteristics<br>ASTM E-970                          | Smoke Developed       | Class A  | <450 |
| • Environmental Characteristics<br>ASTM C-739<br>ASTM C-739           | Critical Radiant Flux | Greater than or equal to 0.12w/cm <sup>2</sup> |      |
| • Physical Characteristics<br>ASTM C-518<br>ASTM C-739<br>ASTM C-1304 | Corrosiveness         | Acceptable                                     |      |
|   | Fungal Resistance     | Acceptable                                     |      |
| • STC 50 in 2"x4" steel stud wall                                     | Thermal Resistance    | R-3.6 per inch                                 |      |
|   | Moisture Absorption   | Acceptable                                     |      |
|   | Odor Emission         | Acceptable                                     |      |

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Printed on recycled paper  
 Reorder # 44005 - 11/2012