

## Excellent for the Environment



Through a unique process, newsprint is recycled into today's highest quality, best performing building insulation. When you use Xcell you dramatically reduce the

amount of newspaper that would end up in landfills. And with the superior performance of Xcell, your lower heating and cooling costs mean far less consumption of our non-renewable energy resources.



### Excellent R-value

- No voids, no leaks, superior installed density

### Excellent Safety Features

- Class 1 fire rating
- No glass fibers to irritate skin and lungs

### Excellent Installation

- Fills voids around wiring and plumbing

### Excellent Sound Control

- Quiets outdoor noise

### Excellent for the Environment

- Made from recycled paper fiber

## XCell Cellulose Insulation Classified in Accordance with the following:

ASTM C739-03

### Flammability Characteristics

Critical Radiant Flux ..... Greater than or equal to 0.12 W/cm<sup>2</sup>  
Smoldering Combustion ..... Less than or equal to 15.0%@1.57 p.c.f.

### Environmental Characteristics

Corrosiveness ..... Acceptable  
Fungi Resistance ..... Acceptable

### Physical Characteristics

Stabilized Density (Attic) ..... 1.68 p.c.f.  
Installed Density (Wall Cavity Spray) ..... 2.5 to 3.0 p.c.f.  
Thermal Resistance ..... 3.734 R/Inch at 4" thickness  
Moisture Absorption ..... Acceptable  
Odor Emission ..... Acceptable  
Starch Content ..... Pass

### O.S.H.A./H.M.I.S.

Health Hazard Rating ..... 0  
Flammability Hazard Rating ..... 1  
Reactive Hazard Rating ..... 0  
Personal Protective Equipment ..... E

Central Fiber Corporation certifies that XCell cellulose insulation meets the amended CPSC standard for flame resistance and corrosiveness of cellulose insulation.



Excellent R-value  
Excellent safety features  
Excellent installation  
Excellent sound control  
Excellent for the environment

Xcell is simply excellent.

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# Xcell<sup>®</sup>

Cellulose Insulation

## Excellent R-Value

A home insulated with Xcell cellulose insulation prevents air leakage more effectively and uses much less energy than an identical home insulated with conventional batt insulation. Reducing energy costs is important. An Xcell home will save on heating and cooling costs throughout the life of the structure.

## Excellent Safety Features

### • Class 1 Fire Rating

Xcell's highly efficient thermal barrier actually repels intense heat. It outperforms conventional insulation by forming a barrier to protect other, more combustible construction materials. And Xcell's Class 1 fire rating meets or exceeds all requirements of local and national building codes. When it comes to safety, Xcell is the safest insulation material you can use.

### • All-Borate fire-retardant formula

XCell's excellent fire-retardant characteristics are due to the use of a 100% boric acid formulation. Borates are naturally-occurring compounds that are harmless to humans when included in cellulose insulation.

### • No Man-Made Fibers to Irritate Skin and Lungs

Its primary ingredient is recycled newsprint. The only other ingredient is a naturally-occurring, non-toxic fire retardant chemical. When you insulate with XCell, you can be certain it's a product you can live with.



## Excellent Installation

Since Xcell is blown into place, it completely fills in around wood framing members, electrical wiring, plumbing and other irregular areas. As the material exits the installation nozzle, it is misted with water which activates the product's adhesive characteristics.

### • Excellent Certified Contractors

Only contractors who are trained and certified by Central Fiber Corporation are authorized to install Xcell stabilized cellulose insulation. These certified

contractors have thorough product knowledge and use only correct installation techniques. The Xcell contractor certification program assures the homeowner of the highest quality material— installed by fully-trained professionals.

## Excellent Sound Control

When a home is insulated with Xcell, it's also quieter. Xcell has excellent sound attenuation characteristics. It's usefulness extends to interior walls, too. You can quiet down a workshop, laundry room, recreation room, bathroom or bedroom. Use Xcell wherever you want to increase privacy and reduce noise transfer between rooms.



Installation is simple. The product is blown into place, adhering to wood members, creating a monolithic seal. The excess is removed and the wall is typically ready for sheet rock within 48 hours.



# Xcell...excellent insulation