

celbar® loosefill

THE NATURAL CHOICE®



SAFE & SUSTAINABLE
ATTIC INSULATION



INTERNATIONAL
CELLULOSE
CORPORATION

WHAT IS CELBAR?

SAFE & SUSTAINABLE ATTIC INSULATION

Celbar Loosefill Insulation is made up of organic cellulose fibers, treated with natural fire retardants.

Using a long hose that's connected to a blowing machine, Celbar Loosefill is blown into an attic, filling the cavity or blanketing the space and providing exceptional thermal and sound control benefits.

WHY CELBAR?

THE NATURAL CHOICE®

When selecting insulation for your home, you want the best performing product available and one that provides you with the best value for your money. With Celbar cellulose insulation you get both great value and excellent performance.

Celbar offers superior thermal protection, excellent fire retardant capabilities, and exceptional sound control. Celbar is also made from 80% recycled materials, making it one of the most environmentally friendly products you can put in your home.



SAFE


Celbar is UL Classified. A specially formulated natural borate compound gives Celbar a Class 1 fire rating, the highest possible rating for a noncombustible material helping it to create a barrier that resists penetration by fire.

SUSTAINABLE

Celbar is manufactured from 80% recycled materials.

ENERGY SAVING \$\$\$

Properly insulating your home is one of the quickest, easiest, most cost effective steps you can take to immediately reduce your heating and cooling bills.

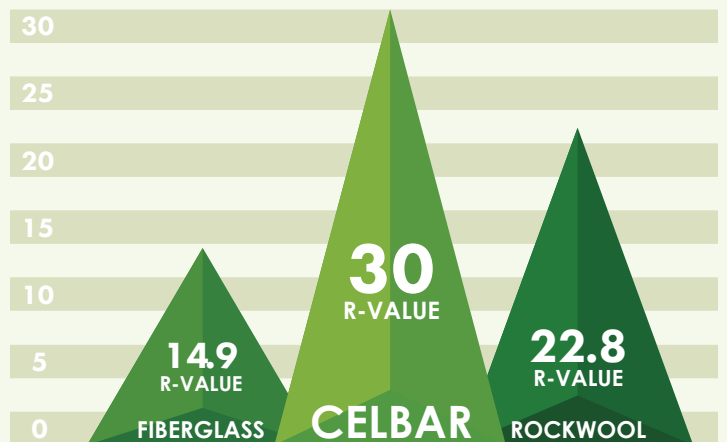


WHAT IS R-VALUE?

R-Value is the measure of resistance to heat flow through a given thickness of material. A higher R-Value means better insulation performance.



THERMAL PERFORMANCE COMPARISONS AT 8.8"



INSULATION SETTLING

All blown insulations are subject to settling. Industry standards require all such products to be installed based on their settled density. This means that your initial application of Celbar Loosefill will be thicker to compensate for this and make sure your R-Value remains consistent.

ALREADY INSULATED? CELBAR LOOSEFILL IS COMPATIBLE

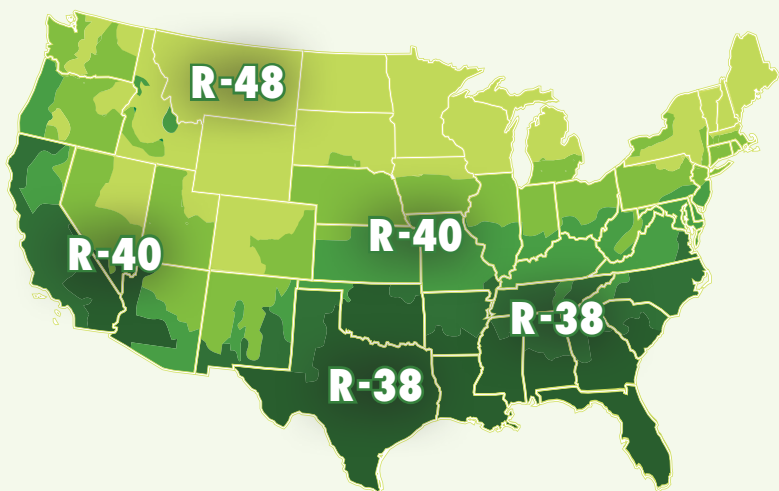
For homeowners who already have an alternative insulation in place, Celbar Loosefill is recommended as a cap to the existing insulation to remedy gaps that may occur with alternative materials.

COMPARE INSULATIONS

INSULATION TYPES	INSTALLATION METHODS	R-VALUE PER INCH	RAW MATERIALS	POLLUTION FROM MANUFACTURER	EMBODIED ENERGY/ ENVIRONMENTAL IMPACT
CELBAR	Loosefill, Wall Spray, Dense Pack, Stabilized	3.6 - 3.8	Newspaper, Cardboard, Borates	Negligible	High Recycled Content & Very Low Embodied Energy
FIBERGLASS	Batts, Loosefill, Semi-Rigid Board	3.0 - 4.0	Silica Sand, Limestone, Borates, Recycled Glass, PF Resin or Acrylic Resin	High Energy Use During Manufacture	High Embodied Energy
MINERAL WOOL	Batts, Loosefill, Semi-Rigid or Rigid Board	2.8 - 3.7	Iron Ore Blast Furnace Slag, Natural Rock, PF Binder	High Energy Use During Manufacture	High Embodied Energy
COTTON	Batts	3.0 - 3.7	Cotton & Polyester Mill Scraps	Negligible	Limited producers means transportation pollution is higher
CLOSED-CELL SPRAY POLYURETHANE FOAMS	Spray-In Cavity Fill or Spray-On Roofing	5.8 - 6.8	Fossil Fuels, HFC-24.5fa Blowing Agent, Non-Brominated Flame Retardant	High Energy Use During Manufacture, Global Warming Potential from HFC Blowing Agent	Very High Embodied Energy
OPEN-CELLED, LOW-DENSITY POLYURETHANE FOAM (SOY)	Spray-in Cavity Fill	3.6 - 3.8	Fossil Fuels & Soybeans, Water as Blowing Agent, Non-Brominated Flame Retardant	High Energy Use During Manufacture	Very High Embodied Energy

HOW MUCH DO I NEED?

Each area of the country has different recommended R-Values for insulation. Refer to this map as a general guide for your area.



ADDITIONAL SAVINGS

TAX CREDITS & UTILITY INCENTIVES

The federal government has provided incentives and tax credits to better insulate your home. Tax laws change constantly. Visit www.irs.gov for the latest information.

Check with your local utility company about programs, rebates, or discounts that will allow you to insulate your home and receive even more benefits that “just” savings on your monthly bills.

QUESTIONS?

CONTACT US TODAY!

For immediate information about how to upgrade to the best insulation choice for your home, your wallet, and your family, call us toll-free at 1-800-444-1252.



R8173

LOOSEFILL MATERIAL
NOT OVER 40 LBS

CLASSIFICATION:

CLASSIFIED IN ACCORDANCE WITH THE FOLLOWING ASTM C739-97 FEDERAL SPECIFICATION HH-I-5 15D (DATED JUNE 15, 1978) AND CPSC INTERIM SAFETY STANDARD (16 CFR PART 1209, DATED JULY 6, 1979) CHARACTERISTICS.

FLAMMABILITY CHARACTERISTICS

Critical Radiant Flux	≥0.12 W/cm ²
Smoldering Combustion	≤15.0%

ENVIRONMENTAL CHARACTERISTICS

Corrosiveness	Acceptable
Fungi Resistance	Acceptable

PHYSICAL CHARACTERISTICS

Density (Settled)	1.6 pcf
Thermal Resistance	3.6 R/in. (et 4 in.)
Moisture Resistance	Acceptable
Odor Emission	Acceptable
Starch Content	Acceptable

MOLD & MILDEW TESTED

AEROBIOLOGY LABORATORY ANALYSIS
TEST REPORT NO.: 20 0275-01

CONSULTING MATERIALS ENGINEERS
TEST REPORT NO.: CO1-392

UL CLASSIFIED

Celbar has been tested extensively and carries the UL label on each package. Celbar Loosefill fully complies with ASTM C-739 standards and all applicable federal regulations.

Celbar has always been formulated with Borates and is free of all ammonia additives.

CONTACT US

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