



ECOCELL® blanket insulation

Submittal Sheet

The Product:

ECOCELL® blanket insulation is an industry first cellulose-based thermal insulation blanket manufactured by Cellulose Material Solutions, LLC (CMS). ECOCELL® blankets are an innovative, yet sustainable, alternative to traditional fiberglass and synthetic acoustical and thermal panels, and are true performers in a variety of different applications.

Thermal Performance:

ECOCELL® blankets thermally outperform many fiberglass products by reducing air infiltration. The dense fibers of ECOCELL® blanket insulation reduce air infiltration resulting in a more air tight structure. This product is very functional where traditional means of insulating are not practical. The R-value of ECOCELL® blankets (3.7 R per inch) exceeds many of the products commonly used.

Acoustical Performance:

ECOCELL® blanket insulation has superior sound absorption properties. The open design and density of ECOCELL® blanket insulation increases sound absorption to control and deaden sound. Airborne sound transmission is reduced from room to room and outdoor noise is blocked for a noticeable quietness.

Green Attributes:

ECOCELL® blankets are made from a combination of recycled and renewable fibers, the majority of which is post-consumer recycled newspaper. ECOCELL® blankets are completely recyclable, and no scrap is produced during manufacturing or installation of the material. CMS also creates a "greener" manufacturing process by reducing energy use and air pollution.

Applications:

ECOCELL® blankets are commonly used to insulate basements, crawlspaces, poured concrete and cement block rooms and other areas where framing and wallboard are not desired. Easy to handle and soft to the touch, ECOCELL® blankets can be left exposed, painted or covered with drywall, paneling or other material, resulting in less cost compared to other insulation materials.

Product Safety:

ECOCELL® blankets have a Class A fire rating. To protect against mold growth, ECOCELL® blanket insulation contains an EPA registered fungicide. ECOCELL® products do not contain any harmful airborne particles and do not itch or irritate skin like fiberglass insulation.

Easy to install:

Soft to the touch, durable and lightweight, ECOCELL® blankets are simple to install without requiring special equipment. Installing in a few straightforward steps, ECOCELL® blankets are an ideal choice.

Size Availability:

ECOCELL® blankets are available in two convenient thicknesses and sizes.

Nominal Thickness R-value:

1.5"	R-6
2.5"	R-10

Blanket Sizes

48"x 96"
48"x 108"

Physical Property Data:

Property	Test Method	Value
Surface Burning Characteristics	ASTM E-84, UL 723	Flame Spread: 15 Smoke Developed: <450 (Class A)
Corrosiveness	ASTM C-739	Acceptable
Fungal Growth	ASTM C-739	Acceptable
Thermal Resistance	ASTM C-518	3.7 R per inch
Moisture Absorption	ASTM C-739	Acceptable
Odor Emission	ASTM C-1304	Acceptable