

Choose an insulation that benefits you and the environment

Spray foam is an effective insulation because it forms an air barrier around your structure—reducing leaks while it insulates. But until recently, most spray foam insulations were petroleum-based and used chemical blowing agents during application.

Since 2003, BioBased® Insulation has developed a family of quality, soy-based spray polyurethane foam insulation systems. By incorporating natural, renewable ingredients, such as Agrol®—a 96% pure bio-polyol—and using water as the sole blowing agent, BioBased® Insulation offers a more sustainable alternative to traditional spray foam insulation.

When BioBased® Insulation is used with other responsible building practices, you can typically save 30–50%



BioBased® Insulation being applied



on heating and cooling costs. That means you use less energy, reducing your CO₂ emissions and saving you money.

Structures insulated with BioBased® Insulation are healthier, more comfortable and more durable. BioBased® Insulation products expand upon application forming a sealed thermal envelope that will not sag, settle or deteriorate over time.

All BioBased® Insulation products are tested to BSEN standards and installed by certified dealers trained in product application and building science. Contact us to learn more about BioBased® Insulation or to find a certified dealer in your area.

BIOBASED®
INSULATION

BUILD HEALTHY. BUILD SMART.®

BioBased® Insulation Spray Foam Products



BUILD HEALTHY. BUILD SMART.®

BioBased® 501s

- Density – 8KG m³ open cell product
- Released in 2003
- 2003 Outstanding Green Product of the Year, National Green Building Conference
- Thermal Conductivity – 0.038 W/mK
- Fire Classification
 - B (when used with plasterboard facing)
 - E (when used with intumescent paint)
- Water Vapour Diffusion Resistance Factor μ between 3.2 and 4.9

Independent Certification – BRE Certification



BioBased® 1701s

- Density – 27.5KG m³ closed cell product
- Released in 2006
- Thermal Conductivity – 0.026 W/mK
- Fire Classification – Class I



Did you know...

- BioBased® Insulation is applied by spraying the liquid component onto open walls, ceilings, or rafter voids of both existing or new build projects.
- This product is ideal for all roof structures and timber or steel frame wall constructions.

We offer:

- A technical advice helpline +353 (0) 1 4019729
- Free consultations for both new build and refurbishment projects.
- Site visits — send an e-mail to info@biobasedinsulation.ie to request a visit from a BioBased® Insulation representative.
- Thermal requirements and U-Value calculations.
- Help and advice on how best to make your home or business comply with building regulations and save on your energy costs.

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