



The bonding agents found in traditional fiberglass insulation include nonrenewable petroleum-based chemicals such as phenol, formaldehyde, and acrylics. While these materials have little to no impact on the R-value (the ability to resist heat flow) of the end product, they can have adverse effects on the environment.

In search of a more sustainable solution, Knauf Insulation developed ECOSE Technology made with a revolutionary plant-based binder, resulting in products that are comprised of rapidly renewable organic and recycled materials. Manson Insulation uses this same cutting-edge technology to manufacture products that are more environmentally friendly than conventional fiberglass insulation.



ECOSE Technology uses a plant-based binder, which avoids **the equivalent of more than 100,000 barrels of oil a year.**



## THE SUSTAINABLE SOLUTION

In addition to featuring rapidly renewable materials, products made with ECOSE Technology:

- Produce less dust
- Comprise more than 50 percent recycled glass
- Contribute to LEED credits
- Contain no additional formaldehyde
- Reduce carbon footprint

**Products featuring ECOSE Technology are:**



GREENGUARD and GREENGUARD  
Gold certified



Environmental Product Declaration  
(EPD) certified

## A DIFFERENCE YOU CAN SEE



Since it's made without artificial dyes, fiberglass insulation with ECOSE Technology contains recycled and organic materials.



Traditional fiberglass insulation is yellow or pink, and is made using a chemical binder.

## THE CHOICE IS CLEAR

By offering fiberglass insulation with ECOSE Technology, Manson Insulation is providing a more sustainable solution, at comparable cost and R-value to traditional fiberglass options.