



Loft Insulation

250.5 m² of mineral wool quilt loft insulation (200mm deep) was installed in the loft area of the Visitor Centre.

This topped-up the existing insulation to the recommended depth of 270mm, which will reduce the amount of heat being lost through the roof.



How it Works

Heat loss occurs because heat naturally flows from hot objects or areas to colder ones. During winter, when a building is warmer than the air outside, heat will flow out of the building through poorly insulated solid surfaces such as walls, roofs and windows.

Loft insulation will create a barrier between the inside and outside of the building which will reduce the amount of heat being lost through the roof. This will help save money on heating bills as the heating system won't have to keep switching on to replace the heat escaping through the roof.



For Your Home

Up to a quarter of the heat in your home could be escaping through your roof if it is not insulated. If your home has an accessible loft with no damp or condensation problems, then it should be a perfect candidate for loft insulation and can easily be installed by a competent DIY-er and is one of the most cost-effective ways to stop wasting energy in the home.

The recommended depth of loft insulation is at least 270mm (10 inches). Installing this amount of insulation in a loft with no insulation will save around 800kg of CO₂ and around 25% of your fuel bill.

Topping-up

Even if your loft is insulated already, it might need topping up. If there was already 50mm of insulation and you topped this up to 270mm, the saving would be around 230kg of CO₂ and around 4% of your fuel bill.

For more information, please email: sustainability.team@bedford.gov.uk