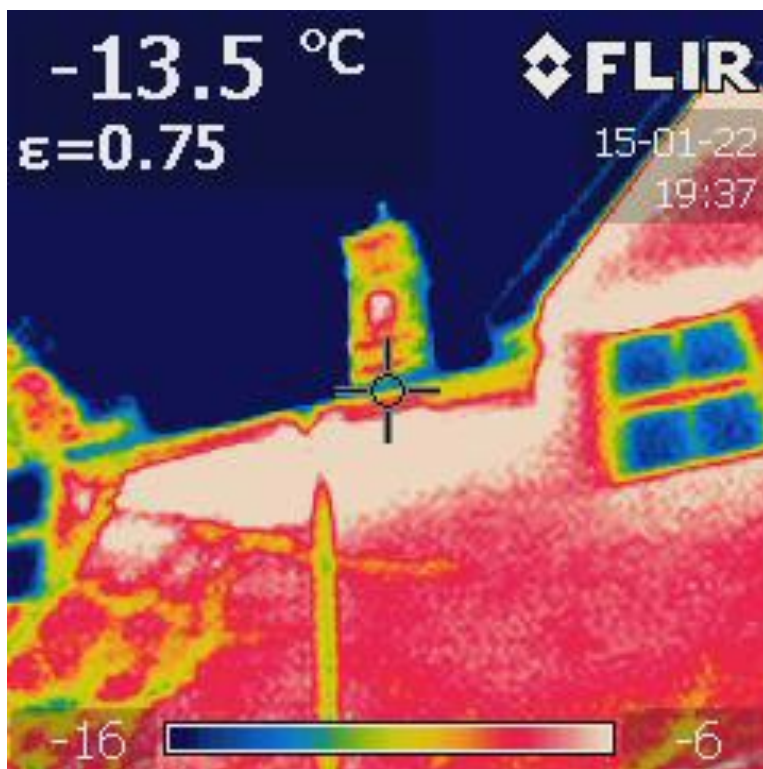


Problems with Waterside Insulation – interrupted gutterline

In 2014 the Canalside Environment Group did a thermal imaging survey, including some houses in Waterside. The estate was built before the current more rigorous standards were introduced, so insulation is not particularly good.

We already knew that the cavity wall insulation is just a couple of sheets of polystyrene, and that houses with dormer windows had very little insulation on the top floor vertical walls, but this survey showed a surprising lack of insulation in the design of house called “Bodleian”. This has 3 floors and dormer windows that interrupt the gutterline.



In this thermal image maximum heat loss is shown by white/red colour.

Investigation showed that there was virtually no insulation behind the deep wooden composite beams that support the roof, so there was an area of approx. 8sq metres not insulated at all.

It was not possible to use normal insulation rolls because of the restricted space, so vermiculite was introduced through the narrow space and the area successfully insulated.

If you have any useful information about Waterside houses that you would like to share, please contact OWRA!