



CASE STUDY – Cavity Insulation for Homes in Flood Risk Areas

BUFCA SUPPLIER: Isothane Ltd

THE SITUATION

Flood waters can penetrate cavity walls and cause major damage to the outer wall, the cavity wall ties, any fibrous or open cell insulation, the inner wall and decor. Three million houses are at risk from flooding.

SOLUTION

Technitherm, a flood water resistant, closed cell cavity insulant which prevents the ingress of flood water into the cavity, also prevents wall tie corrosion, and retains its insulation value after flooding.

Technitherm® is being used in many houses that have been flooded as part of a programme to make them flood resilient for the future. The supplier states that “this is the best performing type of cavity wall product according to a recent report on Flood Protection issued by DEFRA, DCLG and The Environment Agency”. The report states that cavity wall insulation should be rigid closed cell materials, as these retain their physical integrity and insulation values after exposure to flood waters.