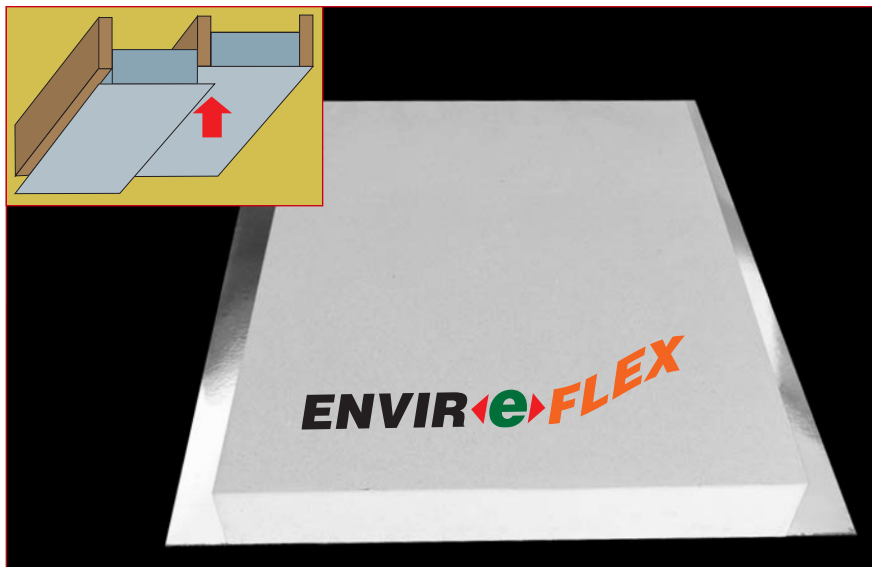


ENVIROGRAF® PRODUCT 140

ENVIREFLEX® 3-IN-1 INSULATION SYSTEM



DESCRIPTION

The new Envireflex® floor/roof insulation offers non-irritant acoustic/thermal insulation and fire protection material for application to new and existing floors and flat roofs and between rafters in loft conversions. The system allows free air movement, is moisture-resistant, and meets the requirements of Document C of UK Building Regulations for condensation. It is made to order, as dimensions between rafters and joists can vary. When using only 9mm thick plasterboard, it can give in excess of one hour fire protection and sound studio levels of acoustic protection. When used to insulate floors in loft areas, the ceiling below does not require a fire-rated upgrade, meeting the requirements of Document B of UK Building Regulations. See data sheet for full details of options and fitting instructions.

USE

The components are fitted between the rafters or joists, resulting in minimal cutting on site and fast installation. Overlap joints are adhered with Envirograf® Product 46 (intumescent adhesive) and are fastened in place with a staple gun.

PERFORMANCE

Achieved 'U' values between 0.20W/m²K and 0.35W/m²K after testing at BDA Keur in the Netherlands. Fire tested to BS476 Part 21 (1987), achieving 70 minutes of fire resistance. Tested for airborne and impact sound at Building Test Centre, meeting the requirements of Document E of UK Building Regulations.

