

THROUGH THE WALL INSULATION KIT



Running pipe work from an externally mounted air source heat pump or biomass boiler into a property requires the pipe work to be run through the exterior wall.

The hot pipe work will be affected by cold bridging and heat loss if it is not insulated correctly. MIS 3005 requires external pipework and pipework running through external walls to be adequately insulated.

The DiversiTech International TW-KIT (Through wall insulation kit) provides both thermal insulation within the wall, and comes complete with an elbow section to cover the external copper pipe connection.

TEMPERATURE RANGE
EXTENSIVE RANGE
(-50°C TO +110°C)
ALLOWING BRIEF
PEAKS ABOVE LIMITS.

ANTIMICROBIAL PROTECTION
AN ADVANCED COMPOSITION PREVENTING THE DEVELOPMENT OF BACTERIA AND FUNGI (ASTM E 2180 AND ASTM G21 CERTIFICATION).

PERMEABILITY
VERY HIGH RESISTANCE TO WATER VAPOUR TRANSMISSION, ENSURING LONG - TERM PERFORMANCE AND EFFECTIVENESS OF THE INSULATION $\mu \geq 7000$

THERMAL CONDUCTIVITY
SUPERIOR QUALITY CLOSED-CELL ELASTOMERIC MATERIAL, DESIGNED TO REDUCE THERMAL LOSSES $\lambda = 0.036\text{W/MK}$ AT +30°C.

DENSITY
PRODUCED WITH OPTIMUM DENSITY FOR EFFECTIVE REDUCTION OF THERMAL LOSSES 60 KGR/M³, ± 10 KGR/M³.

FLEXIBILITY
EXCEPTIONAL ELASTICITY AND ENDURANCE FOR TIME-SAVING APPLICATIONS AND EFFECTIVE INSULATION.

FEATURES

- Avoids heat loss and improves efficiency of the installed air source heat pump
- 19mm wall insulation with a tough PVC coating
- Suitable for both 22mm and 28mm pipe work

THE PACKAGE

- 2 x straight 320mm lengths
- 2 x custom slit elbows
- 2 x strips of tape

RELATED PRODUCTS

- All ASHP Guards
- All Brackets



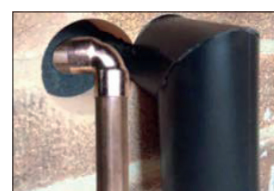
1. SELECT A 65MM CORE DRILL.



2. DRILL TWO 65MM HOLES NEXT TO EACH OTHER.



3. INSERT THE PVC SLEEVE INSULATION, RECESS IT TO ALLOW FOR THE ELBOW TO BE LOCATED.



4. FIT THE ELBOW OVER THE COPPER PIPES.

No.	Description
TW-KIT	Through wall insulation kit 22-28mm pipe 19mm wall External grade insulation

INSULATION THROUGH THE WALL INSULATION KIT

The DiversiTech International sales team are available to answer your questions or queries on this product. Our experts are waiting for your call +44 (0)115 900 5858 or if you prefer send an email to sales@diversitech.com or visit www.diversitech.global

NOT ALL INSULATION IS THE SAME!



GREY/SILVER
INSULATION FOR
INTERNAL USE ONLY



PAINTED GREY
INSULATION SHORT
FIELD LIFE AND
REQUIRES RECOATING
EVERY FEW YEARS



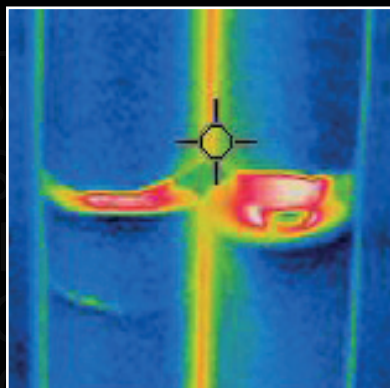
BLACK CLASS 0
WEATHER-PROOF BUT
NOT UV STABLE



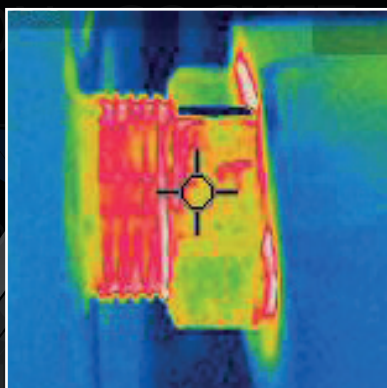
BLACK PVC COATED
CLASS 0 WEATHER-
PROOF AND UV STABLE

ARE YOU GETTING 100% OF THE ASHP HEAT INTO YOUR PROPERTY

INSULATE PIPEWORK



INSULATE
CONNECTIONS



INSULATE THROUGH
THE WALL

