technitherm®

Composite Solid Cavity Wall Insulation For Hard To Treat Homes

BBA APPROVAL INSPECTION TESTING CERTIFICATION
CERTIFICATE No 97/3426
TECHNITHERM®

Technitherm® Benefits:

- Effectively fills sub 50mm, random, variable width, high rise and non-traditional cavity walls
- Suitable for high rise blocks in any UK or Irish exposure area, and can be used as part of a hybrid solution using most EWI and IWI systems, reducing costs
- Technitherm® assists with reducing the air leakage of the building envelope. Carbon savings of typically around 1 tonne per house, per year, can be achieved
- Totally seals the cavity wall preventing wind driven rain and flood water ingress in all exposure zones, whilst being completely non-hazardous and inert once installed
- Fully bonds both inner and outer walls together giving stability and excellent structural strength

Energy, Cost & Carbon Savings	Uninsulated house[3] walls = 1.60 roof = 2.30 air leakage = 19m³/h/m²@50Pa	Isothane insulated house[3] walls = 0.34 roof = 0.18 air leakage = 3m³/h/m²@50Pa	Pay Back period[5]
kWh used yr[1,4]	56,937	23,025	
Heating cost yr[2,4]	£1,821.98	£736.80	3 - 5 years
CO_2 emission (kgs) yr[4]	11,510	4,931	

(1) Gas central heating running at 76% efficiency
(2) At 3.2 p per kWh
(3) Typical 3-bed semi, wall cavity 50mm
(4) Calculated using IRT Surveys infrared survey software
(5) Typical installed cost of Duratherm® and Technitherm®

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