



Sempatap Thermal



SEMPATAP THERMAL, REFERRED TO AS 'MAGIC WALLPAPER' BY YVETTE COOPER, FORMER HOUSING MINISTER, IS THE EASIEST, MOST HASSLE FREE WAY TO UPGRADE THE THERMAL PERFORMANCE OF SOLID WALL HOMES.

Government programmes in recent years, aimed at upgrading insulation in the walls of existing properties, have come a long way. However, this has only been in properties that have a cavity and as such can be 'blown'.

So called 'hard to heat' properties made from solid brick, stone, etc, which make up 43% of the UK's dwellings, have largely been ignored primarily because standard solutions are not deemed to be cost effective and can be very disruptive for the occupiers.

SEMPATAP THERMAL

Sempatap Thermal is a 10mm thick material specifically developed for energy conservation. It is a remarkable material which, when applied inside the property on external walls, substantially reduces heat loss resulting in warmer rooms.

The product is 'recommended' by the Energy Saving Trust for the insulation of solid wall homes and qualifies for EEC funding.

TECHNICAL INFORMATION:

Roll size:	1m wide x 12.5m long
Thickness:	10mm
Weight/roll:	26kg
Weight/sq.m:	2.08kg
Thermal resistance:	0.158m² K/W
Resistance of untreated wall:	1/2.1 = 0.476
Resistance with Sempatap:	0.476 + 0.158 = 0.634
U-Value with Sempatap:	1/0.634 = 1.58 W/m²K
Life expectancy:	30 years

BENEFITS:

- Quick and easy to install
- Can be decorated with virtually any finish
- Immediate warmth and comfort
- Reduces risk of ill health
- Lower fuel bills
- Economical to use

TYPICAL APPLICATIONS:

- Can be used in all residential properties – flats, houses, bungalows and mobile homes
- Can be used on a DIY basis
- Applied inside the property on external walls and ceilings
- Provides a warm surface to combat condensation (black mould must be treated with MGC Mould Eradication Kit first)
- Provides sound insulation as well as outstanding thermal properties



ERADICATE THE RECENT UTILITY PRICE INCREASES!

SEE OVERLEAF FOR A TYPICAL SAVINGS CHART

Sempatap Thermal

SEMPATAP THERMAL has been specifically developed for **ENERGY CONSERVATION**.

LOOK AT THE SAVINGS!



EXAMPLE OF POTENTIAL AVERAGE ANNUAL SAVINGS

Heating Type	Flat with 3 external walls (3 bed)	Mid-terraced house (3 bed)	End-terraced house (3 bed)	Semi-detached house (3 bed)	Detached house (3 bed)
Electric storage heating	£236	£174	£318	£332	£526
Gas central heating	£76	£66	£126	£132	£200
LPG central heating (liquid petroleum gas)	£384	£146	£278	£292	£442
Oil central heating	£64	£48	£88	£92	£140
Solid fuel heating	£198	£142	£270	£282	£438

Savings assume solid wall of U-value 2.1 W/m²K is insulated to U-value of 1.58 W/m²K using 10mm Sempatap. Figures are based on an average square meterage for each property type. Source: BRE (Feb 2005)



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