

WALL-REFORM SYSTEM 1

3.74 8.22 9.217 4.53 4.62

Energy savings for Walltransform (kWh/yr)					
Dwelling type	no. of beds	Gas/LPG	Electric	Oil	Solid
Flat	1	2595	2214	2448	4147
Flat	2	3127	2668	2951	4998
Flat	3	3778	3223	3564	6037
Mid-Terrace	2	4127	3638	3953	6786
Mid-Terrace	3	4621	4074	4426	7599
End-Terrace	2	7798	6936	7496	13242
End-Terrace	3	8733	7767	8395	14829
Semi-bungalow	2	5933	5283	5696	10123
Semi-bungalow	3	6405	5703	6149	10928
Det-bungalow	2	7188	6451	6874	12352
Det-bungalow	3	7756	6961	7417	13328
Det-bungalow	4	8331	7477	7967	14316
Semi-house	2	8524	7552	8186	14453
Semi-house	3	9164	8119	8801	15539
Semi-house	4	9810	8692	9422	16635
Det-house	2	13426	11994	12817	22946
Det-house	3	14432	12893	13778	24666
Det-house	4	15503	13850	14800	26496

Approximate fuel cost savings (£/yr)				
Gas	LPG	Electric	Oil	Solid
35	77	73	40	69
42	93	89	48	83
51	112	107	58	100
56	122	121	64	113
62	137	135	72	126
105	231	230	122	220
118	258	258	137	247
80	176	175	93	168
86	190	189	100	182
97	213	214	112	205
104	230	231	121	222
112	247	248	130	238
115	252	251	134	240
123	271	269	144	258
132	290	288	154	277
181	397	398	209	382
194	427	428	225	410
209	459	460	241	441

Savings assume solid wall of U value 2.1 W/m²K is insulated to U value of 0.83 W/m²K using Walltransform
 All other assumptions identical to EEC calculations done by BRE for OFGEM in 2004/5.

John Henderson, Feb '05.