



Manorbloc Fact Sheet:

- Burn at Intense Heat
- Burn with clean blue flame
- Made from 100% recycled hard wood off-cuts
- 100% Irish - manufactured in Manorhamilton, Co. Leitrim
- Very low Ash residue
- Lower sulphur content than other fossil fuels.
- Heat output better than Turf, Lignite Coal and Peat Briquette
 - *Source: Certified by Fire SERT University of Ulster*
- Heat output figures 18.11 MJ/Kg
 - *Source: Certified by FireSERT University of Ulster*
- 6% moisture content
- Easy to light
- Easy pack to carry
- Guaranteed Irish
- Must be kept in a clean and dry environment
- Smokeless
- Clean

The advantages of the Manorbloc wood briquettes are that they have a lower Ash and/or sulphur content, compared to most other fossil fuels.

The carbon dioxide (CO₂) balance is even, because wood briquettes release just as much CO₂ to the atmosphere as the tree absorbs through growth by photosynthesis.

(Source: University of Ulster FireSERT Department)





Manorbloc Technical Data Sheet:

Comparison Chart of Common Fuel Types and Typical Specific Energy

Fuel type	Specific energy (MJ/kg)
Coal, bituminous	24
Methanol	19.7
Manorbloc Wood Briquette, tested in closed container (eg Stove)	18.11
Wood	18.0
Peat briquette	17.7
Coal, lignite	14.0
Sod peat	12.8

Source: University of Ulster FireSERT Department

Manorbloc Flammability and Ignition Data – Source: FireSERT

Heat Flux (kW/m ²)	Average Ignition Time (seconds)
50	21.5
40	38.3
30	66.3
20	171

- The above table explains that at a heat generation output of 50 (kW/m²) (which is equivalent to heat generated by a large gas burner), Manorbloc wood briquettes will ignite in 21.5 seconds.
- At a heat generation output of 20 (kW/m²) (which is equivalent to heat generated from a basket of burning newspapers), Manorbloc wood briquettes will ignite in 2.85 minutes.