

Primary Energy Factors (heating) are 4276.9 (space), 2308.6 (water), 288.96 (lights) max power.

The building will be pressure tested on completion to pass the designed air leakage rate of 5.01m³ (h.m²)

Target Energy Efficiency 45.4kw/hm²

Actual Energy Efficiency 38.9kw/hm²

Target co₂ emission rate 9.23

Actual co₂ emission rate 8.85

Target primary energy rate 50.32

Actual primary energy rate 46.49

This demonstrates that the actual rates achieved by the building are better than the targets.

Renewable energy deficit from PV panels 2286.65kwh/yr.

WATER EFFICIENCY MEASURES.

Water usage is to be max 125l/person/day as required by the Building Regulations.

This standard is not applicable to the existing dwelling, therefore water efficiency will be improved. Specifications of appliances, taps etc has not been determined as yet.

MONITORING AND TESTING.

The Contractor is obliged to follow accredited construction details during the course of the works. Kingspan K108 manufactures Psi details will be provided by the Energy Assessor.

The Contractor is to take Geolocated and date stamped photographs throughout the course of the works for inspection and approval by Building Control and the Energy Assessor.