

10128 – Passive House Carrigaline Cork - Construction Sequence

Chronological sequence of Construction works

10128 – Owenabue Lodge, Carrigaline Co. Cork

Corks first Fully Certified Passive House under Construction.

Specific Heat load: 7.6W/ m² Reference to treated floor area

Annual Heat demand EN 13790 Monthly Method: 8.2 kWh/(m²a) Reference to habitable area



13.01.2010 Site clearance



17.02.2010 forming profiles a piece of cake

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03.03.2010 ICF walls commence



09.03.2010 – ICF well underway



24.03.2010 – Cross walls in, independent and without cold bridging

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21.04.2010 – Backfilling underway



05.05.2010 – getting ready for 1st floor



19.05.2010 – slabs on and pc stairs in – again no cold bridging

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19.07.2010 – Timber frame arrives at last – all the way from Carrigaline! Supply of specific studs delayed by Swedish shipping agents.



04.08.2010 – Weather great – continual dry spell.



26.08.2010 Real progress now

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26.08.2010 – Windows in getting ready for air testing



13.09.2010 First fix studwork underway on ground floor – ahead of screed

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23.09.2010 Air handling ductwork, Octopus system installed



13.10.2010 External Membranes, taped and sealed

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26.10.2010 Cellulose Insulation pumped in walls ready for Airtight testing



30.11.2010 Finding the leak is nearly as good as fixing it!

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30.11.2010 Larch cladding started on West elevation



30.11.2010 Patent Glazing fitted

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04.12.2010 Interior taking shape – What a sliding wall!

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08.12.2010 Cladding continues - but more insulation to be fitted at plinth before cladding completes



16.12.2010 External Cladding really taking shape, lower walls ready from Pelicolour cladding