

QUAD-LOCK® PROJECT SUMMARY

Kindergarten in the North Atlantic

Project Description

Location:

- Midvag, Vagar
Faroe Islands

Project Type:

- 1-3 Story Kindergarten
complex

Size:

- 19,375 sqft [1800sqm]
- 5 Buildings

Products Used:

- R-22 for below grade walls
- R-30 for above grade walls
- Bitumen foil dampproofing

Project Partners:

- Owner - Vaga Municipality
- Architects - Westtech SpF
- Builder - Hans Magnussen,
Dalsbo SpF
- Quad-Lock Dealer - Torfinn
Johansen, Kubbi ApS

Why Quad-Lock:

- Energy efficient -
significantly reduce
heating costs
- Lightweight - easy for
crew to work with
- Faster and simpler than
traditional concrete forms

www.quadlock.com
604.590.3111 or
888.711.5625



2010 "Best in Class" Light Commercial



Challenge:

ICF? What's ICF? This North Atlantic island location was the perfect environment for using insulating concrete forms – with its rugged landscape and severe, coastal weather conditions. So for his first challenge, Torfinn Johansen of Kubbi ApS had to convince the municipality that ICFs were not an "untested" and new idea, but a well established and superior building product, produced and used successfully for decades. He next had to convince the local fire authorities (who again, had never heard or seen the likes of this "new" building system) that ICFs provide a much safer construction than traditional systems, and are ideal for producing a very protective building envelope for the island's youngest inhabitants.

Solution:

Quad-Lock was the perfect choice for this project. As the design incorporated a hexagon shaped building with angles of 120 degrees, Quad-Lock's flexible and simple format meant that there were no special order items for the design and angles were easily configured. It also meant comparatively easy and economical transport to this remote country, with no possibility of "missing items" to disrupt the schedules. The crew thoroughly enjoyed working with Quad-Lock because it was so easy to use (they referred to it as "playing with Lego™"), and with it being so lightweight, their backs were not suffering as they would have with traditional concrete forms. With the project now completed, the municipality is looking forward to the many benefits of having chosen Quad-Lock, including the significant reduction in costs for keeping the children comfortable throughout the year. For the Faroe islanders, Quad-Lock is "**Simply**" a better building system.

