



mobEE Model 'G' with linoleum floors, LED lighting and optional blackboard and heat exchanger packages.

"We saw a straw bale insulated portable as a natural extension to our series of Environmental Learning Centres."

Paul Scinocca,
Operations Officer, UGDSB

Educational viewing window into **mobEE's** signature straw walls.



Yes,
mobEE
is made
of straw!

"I think the mobEE portable really helped ignite the class's passion for the environment."

Paul Scinocca,
Operations Officer, UGDSB



mobEE
mobile eco enclosure

Naturally built portable classrooms for temporary quarters, "living" learning centres and core classrooms.

mobEE
mobile eco enclosure

by **EVOLVE BUILDERS GROUP INC.**

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Brochure design: Barking Dog Studios www.barking.ca





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mobEE is a unique portable classroom that merges straw bale building and other natural building techniques with state-of-the-art construction technology. The result is a learning space thoughtfully enclosed by ideals of health, sustainability and energy efficiency.

“Parents and School Board officials are impressed every time they visit. We’ve even had local politicians come to see it,” says Meghan Mintz, Grade 6 Teacher, Rockwood Centennial Public School of their first **mobEE**.

Developed in conjunction with the Facility Department of the Upper Grand District School Board, at a fraction of the cost of a school addition, **mobEE** provides premium, permanent-quality space and earns plaudits from all stakeholders.

mobEE is comfy. The walls contain high performance cellulosic insulation – a.k.a. straw bales! “In the winter it is absolutely cozy,” says Mintz “in three years I don’t think we have ever had to turn on the supplemental baseboard heaters.”

mobEE is healthy. Finishes with low- or no-VOCs are but a starting point. Natural paints and no-wax linoleum tiles possess anti-static and naturally antimicrobial properties, allowing you to easily clean with natural or mild cleaning products.

mobEE is hardy. 3 cm thick cementitious plaster – inside and out – can handle rugged use by children in the classroom and can weather all the elements of the Canadian climate on the exterior.

mobEE UNIQUE FEATURES

- ✓ Fire resistant straw bale insulation
- ✓ Glass viewing window into wall core
- ✓ Structural insulated panel floor & roof
- ✓ Fibreglass framed windows with invisible coatings to retain or reject heat as is ideal plus special thermal spacers between glass panes for even greater energy efficiency
- ✓ Natural, vinyl-free, waxless, antimicrobial linoleum flooring
- ✓ Mineral based wall paints, in and out
- ✓ LED warm-white light fixtures
- ✓ Wood soffit with natural finish
- ✓ Steel roof with recycled content or low emissivity white roof membrane

mobEE SELECT OPTIONS

- ✓ Solar hot air collectors
- ✓ Solar photovoltaics
- ✓ Combination air-exchanger/heater
- ✓ Air conditioning
- ✓ Custom architectural flooring patterns
- ✓ Custom colour-matched paint scheme
- ✓ Coat rack and black, white or tack board packages
- ✓ Curriculum-specific lesson plans