

OPERATIONAL SYSTEMS - Construction methods and types of products that contribute toward lower energy consumption.

- Hybrid heating system with 94% efficiency, sealed combustion, variable speed fan, Active Heat Recovery Ventilator and instantaneous “tankless” hot water heater with 94% efficiency
- Three zone heating system with programmable thermostats
- Sealed combustion fireplace with electronic ignition (no pilot light) and circulation fan
- All windows in home are ENERGY STAR labeled
- Appliances are ENERGY STAR labeled
- Interior motion sensor light switches

BUILDING MATERIALS - Products with a recycled component, utilizing wood products that come from sustainably managed forests and reducing the overall amount of lumber used.

- Exterior and interior wall stud spacing at 24" on-center (reduces materials and improves thermal efficiency)
- Deck surfaces and/or structure are made from a third-party certified sustainable concrete
- Dimensional lumber from a third-party certified sustainably harvested source
- Manufactured wood products for floor systems instead of dimensional lumber
- Advanced sealing package, expanding foam around window and door openings, cantilevers and all exterior wall penetrations plus all sill plates sealed with continuous sandwiched bead of sealant
- Joist spaces are spray foamed for continuous air barrier
- All insulation used in home is certified by a third-party to contain a minimum 50% recycled content
- R5 insulation under entire basement slab
- Weather-stripped and insulated interior attic hatch

EXTERIOR and INTERIOR FINISHES - Using longer lasting products, products with recycled content and products that are harvested from third-party certified sustainably managed forests.

- Exterior and Interior doors have a minimum of 15% recycled and/or recovered content
- All exterior doors manufactured from fiberglass
- Stone/stucco siding for 100% of exterior cladding
- Exterior trim materials are made from alternatives to solid lumber (low maintenance)
- Exterior trim materials have recycled and/or recovered-content (minimum 50%)
- Deck surfaces made from low maintenance materials - deck surfaces do not need maintenance of any kind
- 40 year manufacturer warranty on roofing material
- 100% recycled content carpet underlayment
- MDF casing and baseboard used throughout home
- PVD finish on all faucets. (Physical Vapour Disposition provides a more durable product)

INDOOR AIR QUALITY - Including materials that are low in VOC's, products made from all natural materials as well as various air cleaning and ventilation systems.

- MERV 7 pleated media filter on HVAC system
- Power vacuum all HVAC ducting prior to occupancy by homeowner
- All insulation in the home is certified as zero formaldehyde
- All wood flooring in home is factory finished
- Water-based, low VOC lacquer or paints are used on all walls, ceilings and millwork
- Carpet and Rug Institute IAQ label on all underlay and carpet used in home

VENTILATION - The mechanical ventilation systems in the home, including filtrations and heat recovery.

- All ventilation fans are timer controlled and meet the Energy Star requirements for efficiency and sound level
- Ventilation system is installed according to CSA Standard F326, as recommended by the Heating, Refrigeration and Air Conditioning Institute of Canada (HRAI)

WASTE MANAGEMENT - The handling of waste and encourages recycling.

- Comprehensive recycling program for building site including education, site signage and bins.
- Suppliers and trades recycle their own waste, including leftover material and packaging
- Minimum of 50% by weight of waste materials collected from construction site is diverted from waste stream
- Concrete used in home has a minimum supplementary cementing material of 40% within the scope of proper engineering practices
- Home has a recycling center with two or more bins installed

WATER CONSERVATION - Reducing the amount of water used in and around the home.

- All toilets use a maximum of 1.28 GPF
- Low flow faucets for all lavatories and kitchen
- Provide a list of drought tolerant plants and a copy of the local municipality water usage guide to homebuyers

BUSINESS PRACTICE - Manufacturer's and Builder's office and business practices.

- Some products used for home are manufactured within 800 km
- Builder provides Built Green™ homeowner manual, completed Built Green™ checklist and educational walkthrough
- Builder and suppliers have written an environmental policy which defines their commitment (must include an office recycling program and energy efficient lighting)
- Builder agrees to construct and label a minimum of 50% of all homes to the Built Green™ standard per calendar year.
- Contracted trades and/or suppliers have successfully taken and maintained Built Green™ Builder Training status