



newsletter

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eco-tips

- BE SURE TO CATCH US AT THE 2010 SUSTAINABLE BUILDING AND LIFESTYLE EXPO AT THE DEC. 27TH AND 28TH OF MARCH. ENTRY IS \$8 AND KIDS UNDER 12 ARE FREE! OPEN AT 9AM BOTH SATURDAY AND SUNDAY
- OVER A YEAR A WOMAN MAY ABSORB UP TO 2KG OF CHEMICALS FROM THE TOILETRIES AND COSMETICS SHE USES – DOES THIS MAKE YOU THINK ABOUT USING NATURAL PRODUCTS?
- INSTALLING COMPACT FLUORESCENT LIGHTS (\$5) AND AN AAA RATED SHOWER HEAD (\$25) WILL PAY THEM SELVES OFF IN ABOUT 2 WEEKS!

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One of the spectacular views in New Zealand

eco-news & events:

2010 has proven to be busy and exciting so far! We have gained a number of new projects already including new houses at Tea Tree and Oyster Cove and subdivision designs. We have projects under construction for polytechnic in Hobart and Devonport, new houses in Tranmere and Bruny Island and an extensive renovation in Dynnyrne.

Completed projects include the Cygnet house, and the polytechnic Library at Hellyer. Both of which we are proud of and were a great success.

We have welcomed a new staff member this year! Linda is our new administration staff who looks after us very well and brings a bubbly and fun personality to the office.

Karen has returned from a month of trekking in New Zealand. She has returned tanned and refreshed and inspired by the unique shack vernacular of New Zealand.

We are preparing for the sustainable building and lifestyle expo on at the DEC on the 27th and 28th of March and we would love to see you there!

Feature product:

Heat pump hot water systems

The Heat Pump principle is simple and can be compared to a refrigerator, but in reverse. It extracts latent energy from the air and transfers it to the heating system. This free energy from the environment is converted into useful heat to heat water. In other words, you are using free energy from the environment that doesn't cost a cent, and at the same time reducing your carbon footprint.

Think about installing a heat pump system and benefit from these great savings:

INSTALLATION COST : \$1,800
(after rebates*)

RUNNING COST SAVINGS : \$10,000
(after 10 years)

NET COST POSITION: \$8,200
(after 10 years)

CARBON EMISSION SAVINGS:
38 tonnes of CO₂ (61% reduction)
(after 10 years)

EQUIVALENT CARS OFF THE ROAD FOR ONE YEAR: 12!

*contact your local council for your potential rebates available

Eco-style Services

- architecture and design
- commercial and residential projects
- home sustainability assessments
- commercial sustainability assessments
- carbon footprint measuring
- eco product sales

related business: Timbercrete

If you are in the market for bricks, blocks or pavers, consider Timbercrete, an award-winning and environmentally sensitive masonry product. Timbercrete is used in domestic, commercial and landscape applications, and comes in a range of sizes, styles, colours and textures. It inherits some very unique qualities which make it outstanding among other building products.

- Timbercrete is a significant benefit to the environment since it is the only masonry product that actually stores carbon. It is manufactured from sawdust, a timber waste product containing carbon which then gets trapped in a masonry tomb. Timbercrete effectively locks up thousands of tonnes of carbon gas annually. The more widely Timbercrete is used, the greater the benefit to our environment.
- Timbercrete has a lower embodied energy because it takes vastly less energy to produce, compared to traditional clay fired bricks
- It has a significantly improved insulation value (R) when compared to traditional clay and concrete as well as an improved thermal mass when compared with other insulating products.
- Timbercrete is light and has a semi flexible quality. Its weight (2.5 times lighter than concrete or clay), and improved workability allows for engineering diversity. It can be nailed and screwed just like timber.
- Interestingly, Timbercrete has a superior fire rating compared to concrete, clay, timber or steel: FRL240/240/240 (at 190mm thick), exceeding the highest possible fire rating.

Timbercrete products are locally manufactured and can be seen on display at Bundalla Rd, Margate or visit our website at www.timbercrete.com.au

eco-info:

Have you heard of a Kindle? Well this is your new digital library!

The kindle is a nifty electronic gadget that downloads books, magazines and newspapers from \$10 - \$20 and you can store up to 1,500 books at one time.

The Kindle has wireless 3G coverage in most areas so you can download a new book anytime and anywhere- in bed, on the beach or on the bus.

This is a great money and environment saver – think about how many trees you will save.

Go to: www.amazon.com.au



Hellyer Polytechnic Library before

featured project: POLYTECHNIC LIBRARY – HELLYER CAMPUS

construction completed

This is the first project completed in a series of Learning Centres and Libraries for the new Tasmanian Polytechnic. The vision of Polytechnic is to provide enhanced, flexible and personalised learning spaces of which technology and the Library are integral. The decor of the library at Hellyer College in Burnie was outdated and uninviting- a relic from the past. The brief was to provide a vibrant, dynamic Learning Centre with flexible spaces, modern technology and the capacity to be adapted as teaching methods and the way students learn change.

Sustainability and energy efficiency were also key requirements by the client. Hellyer Library incorporates a full replacement of the fluorescent lighting with energy efficient lights, low toxic paints, relocatable walls for changing needs and eco-friendly carpet tiles that are readily replaceable and manufactured with recycled materials and low toxic glues.

Eco-style developed proto-type relocatable walls, colour schemes and sustainability practices that will be used in several Polytechnic projects to provide a cohesive and contemporary image, and environmentally responsible buildings.

Hellyer Polytechnic Library after

