



## LITEGREEN PRINCIPLES

We all know the concept that a house is likely to be the most expensive investment we make so why do people only think short-term with their builds where in reality we are building something that should be around for generations to come?! LiteGreen is in the process of designing two building concepts with the first starting early 2016 that will implement our "Sustainable Principals". Watch this space for more info shortly or contact us to find out more now.

### LiteGreen's Sustainable Construction Processes

The concept of Sustainable or Green Building uses practices and products that are environmentally responsible and resource efficient throughout a building's life-cycle. This includes a building's afford-ability, live-ability, build-ability and reduced energy requirements.



#### Afford-ability

Afford-ability, when it comes to building covers many areas, from getting good value for your investment to designing houses adaptable to accommodate a range of occupants, from newborns to teenagers, young adults to grandparents. A common mistake is building houses that in the future can cost you too much to enjoy. So, consider the life costs now by putting the systems in place that can actually save you money in the future while you have the chance, think of it as a 'Forever House'.

Good design and construction enables flexible living now and in the future creating buildings that are not only healthy and durable but, affordable for people to live and work in, a key principal in Sustainable and Green Building.

#### Live-ability



When working with our design and build team, we look at what your individual requirements are now but, also how you would like to live in the future. This enables LiteGreen to create a home that is designed and built for you, not an off the shelf home telling you how you should be living according to a building standard that is 20 years behind the rest of the world. Not only should it be beautiful to look at, it also needs to be comfortable to live in and now you can have both!

It is as simple as looking at the environment that we live in, from maximising the natural light and the quality of air inside, choosing products and materials that will create a healthy indoor environment so that you will be able to enjoy the benefits of living in a sustainable home from day one. A sustainable home will not only create an environment so you can literally breathe easier (ideal for those living with allergies and/or health concerns) but, it's a home that can actually change the way you and your family live each day, minimising the health issues before they start.



## Build-ability

LiteGreen is always researching and sourcing the most sustainable, modern materials possible, ensuring quality products will work for many years and ultimately be "low maintenance" if any at all. Our approach to construction involves you being a part of the design process with the integration of modern construction materials from the start to maximise the build-ability of the house. This then creates inherent structural efficiency, reduced wastage and avoids costly, complex construction details.

The simple concepts that we implement will maximise site efficiency, reduce downtime and delays between trades, minimise mistakes, limit unnecessary site overheads and increased costs. This enables LiteGreen to be more efficient in a buildings construction, while both minimising the harmful effects of construction processes on your budget and our natural environment.



## Reducing Energy Consumption

Reducing energy consumption and living comfortably is the goal of sustainable building. However, reducing energy consumption is also the focus of many other aspects of green building. This can be achieved by:

- Choosing materials with low embodied energy
- Integrating passive design principles
- Utilising recycled materials, increasing insulation and the barrier between the inside and outside environments
- Installing solar or other renewable power sources
- Using energy efficient appliances mean homes are more comfortable to live in and more economical to run.



For more information please contact:

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