

# Ecobricking

Reducing Single Use Plastic in the Environment



## What is an ecobrick?

It is a plastic bottle packed solid with clean and dry, used, non-recyclable plastic, including many types of packaging like cellophane wrapping, cling film, blister packs, etc. Ecobricks are made to a set density to create reusable building blocks that can be made into a variety of structures e.g. benches, furniture, garden walls, planters, art installations or in a variety of buildings.

## What are the key features?

- ❖ the bottles must be filled with clean plastic
- ❖ they must be packed densely so they do not collapse (minimum of 330 gm per litre)
- ❖ they should be used as close to where they are produced as possible to avoid use of fossil fuels in transport
- ❖ once complete, they should be registered on [gobrik.com](http://gobrik.com) where they will be given a serial number; they should then be labelled indelibly with the weight and serial number (this online quality assurance process ensures the ecobricks meet expected standards and are safe for use anywhere in the world)

## Some examples of use



# How to make ecobricks properly

## Step by Step guide

- 1 collect non recyclable plastic packaging, wash and dry it
- 2 save or collect any size plastic bottles (e.g. water, soft drinks, cordial); wash and dry
- 3 once you have a fair bit of plastic, sit comfortably with your favourite music or TV programme on and cut it into 1-2 inch pieces
- 4 start to stuff the bottle remembering that dense packing is required; a drum stick is particularly useful to push the plastic in
- 5 weigh the brick as you go (you can buy digital scales online very reasonably) as it is impossible to rectify the weight at the end; the brick needs to be very tightly filled - 500 ml bottles must be at least 165 gm, 1 litre ones 330 gm, 2 litre ones 660 gm - all these are minimum weights, largely the heavier the better
- 6 have the brick authenticated as above
- 7 identify or create a deserving project to use the bricks in
- 8 feel good about how you are containing plastic and preventing any further pollution!



**For more information go to '[ecobricks.org](http://ecobricks.org)'**