

beegin[®]



**Bee
Bunka**



**A revolutionary, alternative
to wooden Langstroth Beehives**



**GOOD
DESIGN
AWARD[®]
WINNER**



**Appropriate
Beekeeping
Technology[®]**



**Beekeepers face
a great many
challenges.**



**Wooden beehives
are not very durable.**



**Often we find them,
stolen or damaged.**



**Replacing/maintaining
them costs money.**



**A lost swarm
can take a year
to be replaced.**



THE LIGHTWEIGHT-CONCRETE BEEHIVE

chain/cable
positioning
grooves

easy-grip
hand-holds

steel reinforced
concrete parts

overlapping
components
keep water out

classic beehive
styling

2-part brood
chamber

wide
alighting pad



25kg

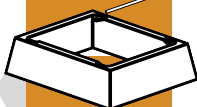


LID



STANDARD LANGSTROTH
SUPER FRAMES

23kg



SUPER CHAMBER



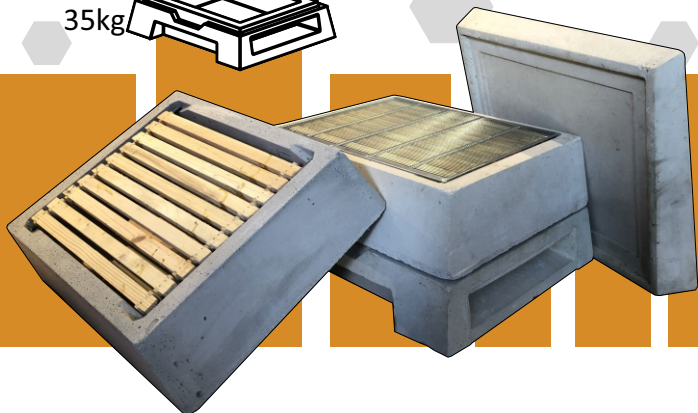
STANDARD LANGSTROTH
BROOD FRAMES

23kg



BROOD CHAMBER

35kg





DESIGNED IN SOUTH AFRICA



NOW USED IN 15 COUNTRIES

The Beegin Bee Bunka is a new beehive designed to combat the issues of theft, vandalism, pests, weathering and longevity experienced with traditional wooden beehives - saving money and stress. Made from a steel-reinforced, lightweight-concrete mixture the Bee Bunka is a strong, durable and cost-effective alternative, that also improves insulation for the bee swarm, reducing their energy usage and increasing honey production.

Based on the traditional Langstroth design, the Bee Bunka consists of a deep brood chamber (with attached floor), a shallow super chamber and a lid. The chambers take standard frame sizes and are light enough to move with two people. The concrete parts all interlock with one another and placing a chain/cable around the beehive makes it impenetrable.



BADGER PROOF

FIRE PROOF



WEATHER PROOF

THEFT PROOF



TERMITE PROOF

NO MAINTENANCE



VANDAL PROOF

DURABLE



LOCKABLE

INSULATING



PRODUCTIVITY

TREATABLE



LOW COST

INTERLOCKING



GOOD
DESIGN
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WINNER

“Ideal for beekeepers who have permanent apiaries in areas at risk of fire, vandal, theft or animal damages. Or if you simply like the modern look of the Bee Bunka”

Beegin is a design-based start-up with a revolutionary new, Appropriate Technology approach to beekeeping. This system is centered on a lightweight-concrete beehive called the Bee Bunka. These low-cost, improved beehives protect the bees and beekeeper from a litany of threats while promoting growth and sustainability in a troubled, and vital global agricultural industry.

The Bee Bunka itself represents a significant advancement in beekeeping technology, yet the core product and business innovation lies in the tools we developed for making these hives. The Bee Bunka Moulds are easy-to-use concrete moulding tools that allow anyone, anywhere to produce durable, protective, insulating, lightweight-concrete beehives.

Lightweight-concrete was selected as an ideal material for beehive construction after extensive analysis and testing of 18 different potential materials. This modern construction material is made by substituting heavy aggregates in concrete with lightweight aggregates such as Perlite, Vermiculite, charcoal or Polystyrene. A detailed summary of this research is available on our website.

