

beegin®



Bee
Bunka



A revolutionary, alternative
to wooden Langstroth Beehives



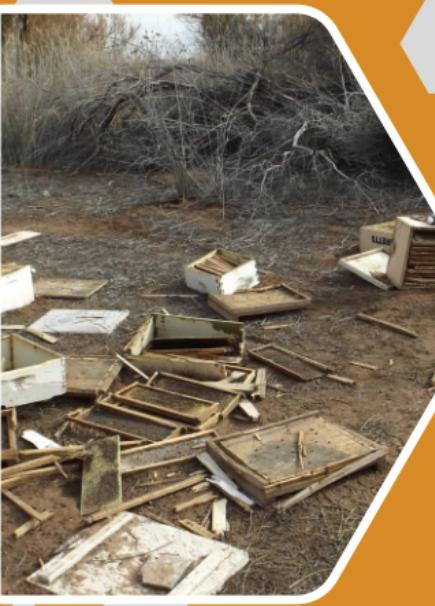
GOOD
DESIGN
AWARD®
WINNER



Appropriate
Beekeeping
Technology®



Beekeepers face
a great many
challenges.



Wooden beehives
are not very durable.



Replacing/maintaining
them costs money.



A lost swarm
can take a year
to be replaced.



THE LIGHTWEIGHT-CONCRETE BEEHIVE

chain/cable
positioning
grooves

steel reinforced
concrete parts

overlapping
components
keep water out

easy-grip
hand-holds

2-part brood
chamber

classic beehive
styling

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



TREATABLE



LOW COST



INTERLOCKING



GOOD
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“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.

