



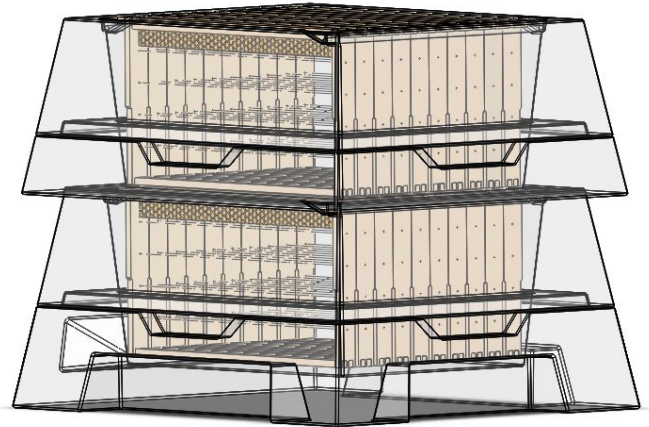
HOW TO MAKE A DEEP SUPER

We know many beeks out there prefer to use deep supers for honey production. We decided to start off with the shallow super as it is more common and easier to make, with the plan to develop the deep super mould later. However, once we started looking into it, we came to the realisation that you can actually make a deep super easily using the shallow super and brood base moulds. This is a quick guide on how to do it.



THE GENERAL IDEA:

The Bee Bunka's brood chamber takes frames that are the same size as deep super frames (9 ⁹/₁₆ inches / 243 mm). This brood chamber is made by placing a shallow super on top of a brood-base (floor, short walls and entrance). To make a deep super you must make the brood-base part without the floor and entrance – creating a spacer (four short walls). The spacer joins to the base of a shallow super, making it taller.



STEP 1:

Prepare the brood base mould, oiling the lower walls of the mould and placing some wire reinforcement as you would in the super mould – so that the four walls will have some reinforcement. Place a thin, firm sheet of plastic or steel (roughly 50x15cm) over the entrance hole on the inside – so that when the concrete is poured into the mould it presses and hold the plastic in place.

STEP 2:

Mix the lightweight concrete as per the instruction booklet. You will only need about 15ℓ so mix accordingly. Cast the liquid concrete into the brood base mould filling it up to the edge of the floor surface of the mould - as you would with the super mould.



STEP 3:

Place the super plate into the brood base mould (as with the super mould) pressing the top layer of concrete out and making a lip around the edge. Place a brick or something heavy onto the plate to hold it down.



STEP 4:

After the concrete has cured (at least 48hrs), remove the part from the mould. The part will have a long way to fall out of the bottom of the brood base mould when it is turned upside down. To avoid damaging it we advise that you place something underneath the mould, giving the part only 1-2cm to fall before being supported. 4 bricks placed neatly under each wall section will work well.

