

Air-Pot® Overview

The Superoots Air-Pot container is a recyclable, reusable growing system that actively enhances the quality of the root systems of plants. This revolutionary approach to containerising tree stock produces fabulous non-spiraling root systems that are impossible to develop in any other available container.



Made of recycled HDPE, the Superoots Air-Pot container is cylindrical in shape with a perforated sidewall, which is textured like an egg carton. There are no flat surfaces to deflect roots and start the spiraling process. The inward pointing cones direct the root towards the hole in the outward pointing cones where the air density in the soil is too great and therefore the apical cells at the very tip of the root dehydrate, or are air-pruned. The response of the plant to this air-pruning is to send out more roots to compensate for the loss, which leads to the build up of a dense and fibrous radial root system in a dramatically short time.

The porosity of the Air-Pot container also creates better conditions for bacterial activity and thus increases the amount of nutrients available to the plant. With so much root right back to the stem, the root system is very efficient in its use of all the available water and nutrient. Plant vigour and health is therefore guaranteed.

Using Air-Pot® Containers

Superoots Air-Pot containers can come as pots complete with base, or be used without a base. When used without a base, ideally root pruning fabric should be used at the base, but alternatives are concrete, plastic or a chemically treated ground cover fabric.

The Air-Pot containers must be assembled so that the cones with holes are pointing outwards. Thus, the closed inward pointing cones direct the roots out to the open ended cones where they are pruned by the air at the outer edge.

The containers can be made to any diameter in a variety of heights which makes it easy for the grower to produce a rootball of varied dimensions to suit the tree or the client.

With the great majority of roots growing laterally and being pruned, rooting down is never a problem. The root systems of plants grown in the Superoots Air-Pot containers normally lock up the potting mix in about two months to allow the lifting of the plant without the loss of the mix out of the bottom

AIR-POT® KITS

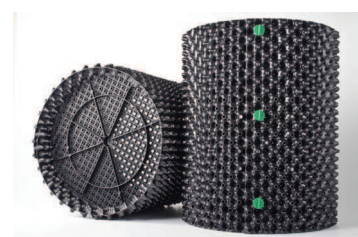
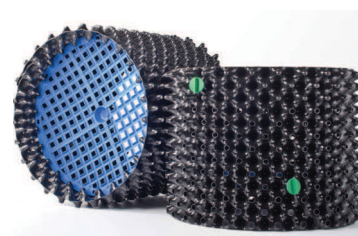
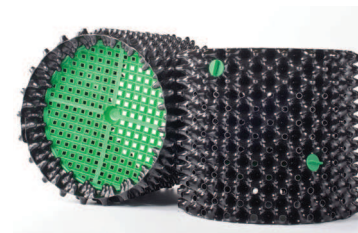
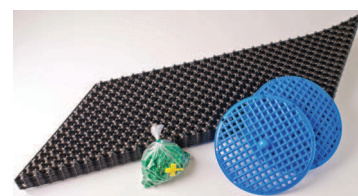
CODE	VOLUME LITRES	VOLUME GALLONS	FIXINGS PER UNIT	DIAMETER (MM)	LENGTH (MM)	HEIGHT (MM)	PACK SIZE
------	------------------	-------------------	---------------------	------------------	----------------	----------------	-----------

(The base is placed up the wall 15mm (1 row) reducing vol.)

107.Miscparts	1.0	0.3	1	100	490	145	50
---------------	-----	-----	---	-----	-----	-----	----

(The base is placed up the wall 60mm (3 row) reducing vol.)

107.A-PKIT3L	3.0	0.8	1	150	760	235	50
107.A-PKIT5L	5.0	1.3	1	190	885	235	50
107.A-PKIT7.5L	7.5	2.0	2	225	1015	255	50
107.A-PKIT9L	9.0	2.4	2	225	1055	295	50
107.A-PKIT12.5L	12.5	3.4	2	265	1185	295	50
107.A-PKIT20L	20	5.2	2	315	1365	315	25
107.A-PKIT25L	25	6.5	2	315	1430	375	25
107.A-PKIT30L	30	8.0	2	388	1600	315	25
107.A-PKIT37L	38	9.9	2	388	1660	375	25
107.A-PKIT45L	45	11.7	3	388	1720	435	25





Benefits of using Superoots Air-Pot® Containers

- Eliminate root circling.
- Reduce growing time on the nursery.
- Simplify production.
- Double - at least - the "shelf-life" of stock.
- Reduce losses dramatically.
- Ensure Superior Performance in Extremes of Weather.
- The Air-Pot container is made of recycled HDPE.

AIR-POT® WALLS (NO BASE - POTTED IN SITU)

CODE	VOLUME LITRES	VOLUME GALLONS	FIXINGS PER UNIT	ASSEMBLED DIAMETER (MM)	LENGTH (MM)	HEIGHT (MM)	PACK SIZE
107.A-PW80L	80	21	3	480	1620	440	20
107.A-PW100L	100	27	3	540	1800	440	20
107.A-PW150L	150	40	3	620	2050	500	10
107.A-PW200L	200	53	3	715	2350	500	10
107.A-PW300L	300	80	4	800	2620	600	10
107.A-PW400L	400	107	4	925	3010	600	5
107.A-PW500L	500	132	4	1030	3350	600	5
107.A-PW600L	600	159	4	1130	3660	600	5



AIR-POT
www.superoots.com



AIR-POT® ROLLS

CODE	ROLL WIDTH (MM)	LENGTH METRES	FIXINGS PER UNIT	ROLLS PER PALLET
107.Miscparts	600	60	1 Bag	3
107.Miscparts	700	60	1 Bag	3
107.Miscparts	800	60	1 Bag	2
107.Miscparts	900	60	1 Bag	2
107.Miscparts	1000	60	1 Bag	2

FIXINGS

CODE	DESCRIPTION	PACK QUANTITY
107.A-PWClips	LARGE HAND SCREW	100 (Including 1 Insert Tool)

Air-Pot® Tender

These Air-Pots are designed for growing tender crops usually in a greenhouse.

- The aeration and drainage afforded by the remarkable Air-Pot technology is why the system is ideal for growing a whole range of sub tropical and temperate crops, either under glass or outside in a favourable position.
- The range of plants or crops that really benefit from being grown in Air-Pots are huge and include Tomatoes, Cucumbers, Peppers, Chilies, Aubergines, and many more.
- Fast and easy to assemble.
- Light weight, strong and can be flat packed for easy storage.

AIR-POT TENDER CROP 10 LITRES

The 10 litre Air-Pot for growing tender crops in smaller green houses, a bit tight on space.

CODE	LITRES	DIAMETER (MM)	WALL LENGTH (MM)	WALL HEIGHT (MM)	PACK QTY	BARCODE
107.Tender10	10	262	890	240	25	05391513335778

AIR-POT TENDER CROP 14 LITRES

The 14 litre Air-Pot for greenhouses where space is not such an issue. A bigger soil volume for a bigger crop.

CODE	LITRES	DIAMETER (MM)	WALL LENGTH (MM)	WALL HEIGHT (MM)	PACK QTY	BARCODE
107.Tender14	14	312	1050	240	25	05391513335785

