

Product sheet – Chrysal Aqua Pad

General

- The Aqua Pad is a wood fibre mat to be placed between the plant's grower pot and cover pot, gift bag or ceramic pot.
- Creates a water reservoir, perfect for plants susceptible to dehydration issues, such as Azalea, Cyclamen, Phalaenopsis, Rosa.
- Absorbs and releases water easily; up to 20 times its own weight.
- The wood fibre mat is FSC certified.
- 100% compostable according to the European standard for compostable products EN-13432.
- Available in rectangular, round, hexagonal and wrapped sizes (see table on page 3). Other sizes on request.
- Easy to use.



Effects

- Increases sales; improved shelf presentation by healthy and fresh looking plants.
- Increases shelf life up to 30%.
- Reduces plant waste in the total supply chain.
- With Aqua Pad, plants need watering less frequently at the retail stage or by the consumer.
- No surplus water which prevents effect of excessive watering (root rot).
- The extra water reservoir can also be used to facilitate a longer logistic chain or for product to be produced in advance.



The mark of
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Savings / return on investment

- 10% average plant waste reduction.
- Reduces handling costs.
- Improves sales and margin.

Applications

- To be used by plant growers, packers and retailers.
- To be used during transport and/or at retail level.



Round / hexagonal Aqua Pad (unwrapped)

- Ideal for automatic application.
- Fits pot perfectly.
- Instructions for use:
 1. Place the Aqua Pad in the cover pot or gift bag.
 2. Add the right amount of water to the Aqua Pad; see table on page 3.
 3. Place the plant on top of the wetted Aqua Pad, without removing the grower pot.
Make sure that Aqua Pad and soil stay in contact with each other.

Wrapped Aqua Pad

- Fast and easy to apply manually.
- Wrapped Aqua Pads can be submerged in water.
- The Aqua Pad is saturated in seconds. No need to measure the exact amount of water dosed.
- A wrapping holds the pad material together which prevents it from losing its shape if wetted.
- Instructions for use:
 1. Submerge the wrapped Aqua Pad in water.
 2. Place the Aqua Pad in the cover pot or gift bag.
 3. Place the plant on top of the wetted Aqua Pad, without removing the grower pot.
Make sure that Aqua Pad and soil stay in contact with each other.

Aqua Pad in tray

- In ready-to-use trays complete with Aqua Pads, which can be delivered in co-operation with Modiform.
- Flier Systems Aqua Pad dispenser.
This machine places the pads in trays or pots and ensures that the correct amount of water is applied.



Recommendations

- Store under dry conditions.
- The Aqua Pad has an unlimited shelf life if stored under the right conditions.
- Used (wrapped) pads can be discarded with other compostable waste.

Tests show positive effect on plants sensitive for wilting e.g.:

Allium	Curcuma	Hydrangea	Primula
Azalea	Cyclamen	Impatiens 'New Guinea'	Rosa
Basilicum (Ocimum)	Cyperus	Lavandula	Rosemarinus
Beaucarnea (Nolina)	Dille (Anethum)	Melissa	Saintpaulia
Begonia	Dragon (Artemisia)	Mentha	Salvia
Bougainvillea	Fragaria	Origanum	Senecio
Calathea	Gerbera	Petroselinum	Spathiphyllum
Campanula	Hebe	Petunia	Tagetes
Capsicum	Helianthus	Phalaenopsis	Thymus
Celosia	Herbs	Platycodon	
Chrysanthemum	Hibiscus rosa-sinensis	Poinsettia (Euphorbia pulcherima)	
Coriandrum	Hyacinthus		

Aqua Pad type	Size	Pot size	Water dosage
Round	ø 3.4 cm	< 6 cm	15 - 20 ml
	ø 4 cm	6 cm	20 - 25 ml
	ø 7 cm	9 cm	55 - 75 ml
	ø 8 cm	10.5 cm	80 - 100 ml
Hexagonal	ø 7 cm	9 cm	50 - 70 ml
	ø 9 cm	12 cm	110 - 130 ml
Wrapped	6.8 * 7.2 cm	9 cm	70 ml *
	9 * 9 cm	12 cm	110 ml *
	12 * 12 cm	14 cm	200 ml *
	14.4 * 14.4 cm	16 cm	290 ml *

* Submerge the pad a few seconds until it is saturated.

Shelf life *Cyclamen persicum* 'Super Serie' white



Control
Photo taken: day 10



Chrysal Aqua Pad
Photo taken: day 10

Shelf life *Azalea* 'Inka'



Control
Photo taken: day 7



Chrysal Aqua Pad
Photo taken: day 7

Test results

The following graph shows the effect of the Aqua Pad on the shelf life of pot plants.

