

A Modern Hydroponic Growing Medium

	GrowZorb	Coco Coir	Rockwool
Dry Mass	10kg/m ³ ¹	94kg/m ³	60kg/m ³
Rooting	>1-3 days ²	5-8 days	2-5 days
Pre-Wash/Wet	Not required ³	Required	Required
Maximum Saturation by Volume	36 ⁴	55	97
Rehydrateable	Yes	Yes	Difficult
Steerability	Excellent ⁵	Minimal	Minimal
Withstands over-watering	Yes ⁶	No	No
Crop Characteristic	Generative ⁷	Vegetative	Vegetative
Useable for Multiple seasons	3+ ⁸	Not reusable	Reusable for 2 years max.
Dimensional Stability	100% ⁹	Breaks down throughout the year	Breaks down throughout the year

- *1 Easy to install, remove and transport.
- *2 Young plants have a shorter period of instability. Rapid root growth also results in buds growing sooner in the season.
- *3 No need to pre-wash, circulate is clean and ready to use on day one.
- *4 Significantly more oxygen content, regardless of watering.
- *5 Quicker to respond to variation in the UV index.
- *6 Due to low water adsorption excess water is shed off and will not drown the plant.
- *7 Plants are typically shorter with less leaves requiring less trimming throughout the year.
- *8 Has been tested in three consecutive seasons with no special treatment.
- *9 Structure will not break down over growing cycle. Oxygen content remains constant.

Disposal

When it comes time to clean out the greenhouse GrowZorb can be crushed down with minor compression to a 15:1 ratio or a 35:1 ratio with heavy compression. This means considerably less number of loads to transfer out. GrowZorb can then be further recycled.

