

The clay pebbles are drawn in a rotary oven-system and are burnt at 1200°C. The organic substances inside the shale burn and the clay pebbles expand. At the same time the outer skin melts and is sintered. In this way light shale spheres with fine pores are produced, remarkable through their aerated core and their high compressive strength.

HYDROTON® HOW TO USE IT?



HYDROTON® as a decoration top layer

HYDROTON® is most convenient as top layer for pots and plant containers. The moisture is kept in the soil in a better way. This saves you too frequent waterings. The red colour of the pebbles offers a Mediterranean touch in your living spaces.

Tip: Remove some soil from the plant container and give approx. 3 – 6 cm HYDROTON® on the top of it.



HYDROTON® for drainage and water reservoir

HYDROTON® can be applied with soil as a drainage layer at the bottom of the pots. The surplus of moisture is then retained and given back to the plant when needed. The plants roots are not directly in contact with water, protecting them from rot.

Tip: Give 1 – 2 cm HYDROTON® on the bottom of the pot and fill the rest with soil.



HYDROTON® mixed with soil

HYDROTON® aerates the soil, helps to keep the moisture and accelerates the growth of the roots thanks to a better gas exchange. The soil structure is lighter. HYDROTON® is frost-resistant and can be used as well in heavy soils outdoor.

Tip: Mix soil with HYDROTON® in a relation 9:1.



HYDROTON® für hydroculture

Thanks to its high water storage capacity, its neutral PH and its light weight HYDROTON® is the ideal substrate for hydroculture systems. The red pebbles have large pores offering a balanced capillary action.

Tip: Fill the pebbles into a culture pot up to the half, hold the plant so that the roots are inside the pot, fill with pebbles to the top.

DIFFERENT PEBBLE SIZES



HY DROTON® 4/8 mm



HY DROTON® 8/16 mm



HY DROTON® 4/8 mm



HY DROTON® 10/20 mm

MIX IT

PRODUCT APPLICATIONS

HYDROTON®

4/8 mm



Culture in small-sized pots

4/8 UK unround



Hydroculture
Decoration (top layer)
Drainage

8/16 mm



Culture in larger pots

10/20 mm



PRODUCT OVERVIEW

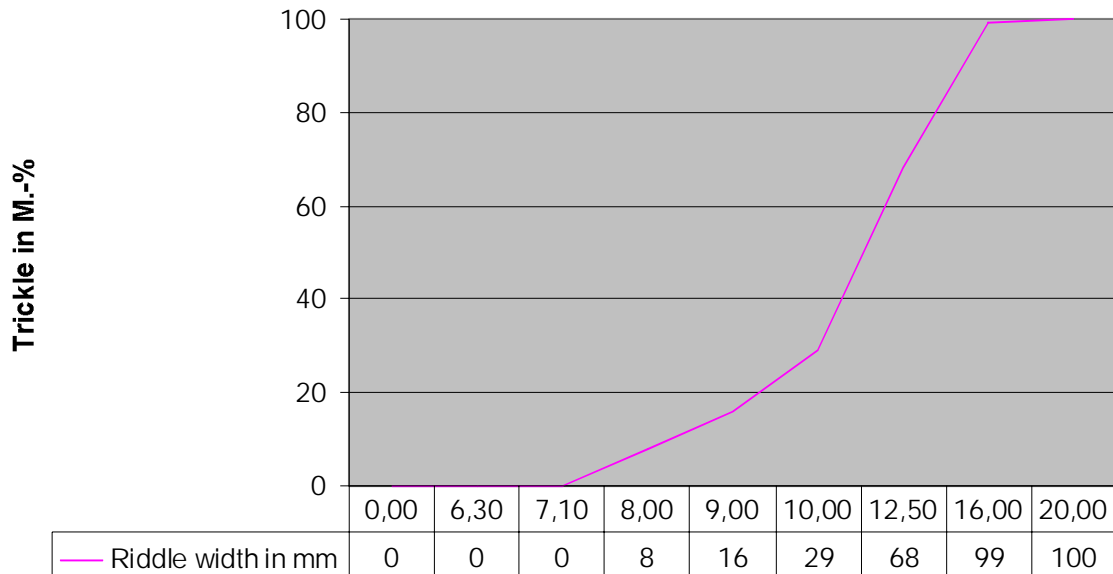
CLAY	SIZE	KG/M ³	AVAILABLE IN
HYDROTON®	8/16 mm	450	Bag, Big Bag, loose
HYDROTON®	4/8 mm / 4/8 UK	500	Bag, Big Bag, loose
HYDROTON®	10/20 mm	350	Bag, Big Bag, loose
HYDROTON®	2/4 mm	350	Bag, Big Bag, loose

All sorts can be mixed together ...

Make your choice...

RIDDLE CURVE **HYDROTON®** 8/16 mm

Riddle curve



CHEMICAL VALUES:

HYDROTON® fulfills the requirements set by

Prof. Dr Penningsfeld and Prof. Dr Fischer:

	KCl (g/100g)	CaO (mg/100g)	Na ² O (mg/100g)	Mg (mg/100g)	F- (mg/100g)	Cl- (mg/100g)
Values set by Fischer/Penningsfeld	< 0,25	< 120	< 15	< 15	< 1,2	< 10
HYDROTON values*	0,16	24	8	3	1,0	<1
* approximate						

QUALITY CONTROL:

Regular controls are made at following institutions:

Universität Hohenheim in Stuttgart Fachgebiet Boden