

A natural soil improver with a high binding capacity of minerals.

Edasil Clay Minerals have a tremendous swelling capacity due to the specific plate-like structure and are therefore able to bind together a large amount of water and nutrients. In addition, Edasil contains all of the essential micro-elements in a balanced dose.

Made from a bentonite clay, it contains montmorillonite which distinguishes itself through the excellent binding capacity. This natural source of clay is used for building and improving soils and plant substrates. It supports the development of Micro-organisms in the soil, acting as an aid for compost and doesn't contain any chemical additives.

Benefits Edasil clay minerals

- Improves light and sandy soils.
- Stimulates activity.
- Improves water balance and absorption/drainage in the soil.
- Improves the effect of fertilisers through its excellent ability to store nutrients.
- Promotes soil fertility by forming stable clay-humus-complexes.
- An ideal composting aid because micro-organisms are promoted.
- Prevents mould and inconvenient smells.
- Better nutrient uptake by plant (through the root system).
- Increases the nitrogen available.

Application

- 1) Additive for plant/soil substrates. Apply 10-25 kg / m² thinly to soil surface and rake in.
- 2) Bokashi composting additive. Add 12kg per tonne (organic matter).



Raw montmorillonite stone



Edasil granules

Packaging

On a pallet of 1050 kg,
in 42 x 25 kg bags.

Big Bag (1000 kg).

In bulk (tipped or blown in silo).

Dosage

200 to 300 kg / ha per year,
(soil improvement).

12 kg per ton (bokashi).

Specific weight

1.0 kg per litre



Grower: "The binding of nutrients from my sandy soil has increased since the use of Edasil clay minerals."

Bokashi Composting

Bokashi is a Japanese word for 'well fermented organic material'. This fermentation takes place under anaerobic conditions. Mix each tonne organic material with 12 kg Edasil clay minerals, 12 kg Aegir seashell lime and 2 litres Actiferm. The mixture is sealed airtight for at least 8 weeks. The addition of Aegir seashell lime prevents the pH of the material from dropping too low during fermentation. Some of the nutrients are released during the fermentation process. These are bound by the Edasil clay minerals. In addition, the Edasil clay minerals ensure that the substances in the input material - which can have a negative effect on the growth of the soil microbes - and cannot disturb the 'life' in the soil mix.



Edasil is also part of the Bokashi recipe.

More info at: www.agriton.co.uk

	Elements	Link	Weight (%)	
Minerals	Silicon	SiO ²	56	
	Iron	Fe ² O ³	4	
	Aluminum	Al ² O ²	16	
	Calcium	CaO	4	
	Magnesium	MgO	4	
	Potash	K ² O	2	
	Sodium	Na ² O	0,4	
Others researched elements *	Chrome	Cr	56	* in mg / per 1000 gr
	Lead	Pb	18	Others:
	Copper	Cu	22	- Montmorillonite content
	Manganese	MnO	300	65 -70%
	Cadmium	Cd	<1	- pH 7.9
	Molybdenum	Mo	20	- Mineral bonding surface
	Nickel	Ni	25	- 500-600 grams per m ²
	Zinc	Zn	85	
	Arsenic	As	<6	
	Mercury	Hg	<1	



SUSTAINABILITY THROUGH INNOVATION

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