

IMPROVED  
FORMULA

**BetaVet**  
Natural Solutions

## Build Strong Bones



### Each 50gm serve provides:

- Lithothamnium 36.36gm
- Magnesium aspartate (1350mg elemental Mg)
- Fibrulose (4650mg of dietary fibre and fructo-oligosaccharide FOS)
- Biotin 25mg
- Vit D3 60mg (6000iu)
- Vit K3 38.7mg
- Zinc glycinate 200mg (elemental zinc 52mg)
- Copper 30mg
- Manganese 50.4mg

# BUILDABONE

## Strength from the inside out

### Three outstanding equine health benefits

- Nutritionally supports bone turnover and strength.
- Reduces risk of gastric ulceration by buffering stomach acid.
- Contains the prebiotic FOS for optimal gut flora and nutrient assimilation.

### BuildaBone benefits

- Maximised calcium retention and bone strength.
- Highly bioavailable mineral source including calcium magnesium copper zinc and manganese.
- Unique honeycomb structure ensuring slow release of minerals.
- Improved appetite, gut and intestinal health including the hind gut.
- Long lasting buffering action to reduce the risk of gastric inflammation and ulceration.
- With its high calcium content and unique sponge-like structure, BuildaBone has up to 2.5x the buffering capacity of other supplements on the market.
- Contains prebiotic FOS (fructooligo saccharides) for optimal gut flora.
- Helps maintain condition.
- For balanced behaviour.

### Scientifically proven results

Ideal for horses in training, mares in foal, young bloodstock and horses in rehabilitation and/or recovering from bone surgery.

BUILDABONE is a revolutionary safe, natural marine nutraceutical supplement for horses. Derived from unique calcareous marine algae (Lithothamnium), BUILDABONE has several vital properties including maximised calcium retention increasing bone strength and supplying a highly bioavailable mineral source.

BUILDABONE provides nutritional support for bone growth and bone turnover, mineral deposition and maturation leading to superior bone strength in growing young stock.

*\*Technical information; not for public distribution.*

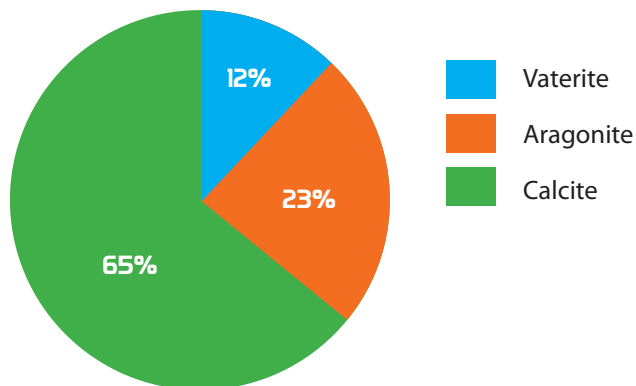
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**BUILDABONE provides nutritional support for bone growth and bone turnover, mineral deposition and maturation for superior bone strength, particularly in growing young stock.**

#### Calcium bioavailability

BuildaBone provides a rich source of calcium that rivals limestone in terms of content and innate bioavailability. Unlike limestone, the calcium carbonate found in BUILDABONE is naturally present as three crystalline forms of calcite, aragonite and vaterite. This together with the honeycomb like structure ensures that the minerals are released in a controlled and optimum way.



#### Bone strength

Independent studies carried out in the USA using a lithothamnium based supplement showed improved calcium retention and maintained bone strength. Enhanced calcium bioavailability and lower circulating levels of parathyroid hormone resulted in maximised bone density.

#### Chelated Copper Zinc and Manganese

These trace minerals have been added because of their recognised role on bone mineralization and bone development.

#### Magnesium Silicon and Strontium

A natural bioavailable source of these minerals nutritionally promote bone turnover and strength.

#### Slow Release

BUILDABONE's unique natural honeycomb structure provides a surface area in excess of 10 square metres per gram. This porous structure allows the digestive system to break it down slowly, releasing valuable bioavailable minerals over an extended period of time for uptake by the skeletal tissue.

#### Buffering Actions

Helps to protect the gastric mucosa from the effects of continued exposure to stomach acids and is scientifically proven to significantly reduce the incidence of inflammation and ulceration in horses under stress.

#### Pre-Biotic Source

Fructooligosaccharides (FOS) are composed of short fructose chains. They are a type of carbohydrate called oligosaccharides. Fructooligosaccharides are subtly sweet and low-calorie. They are nondigestible, so they don't have an effect on blood sugar levels. FOS may also have multiple health benefits.

Because they are not digestible, FOS travels intact through the small intestine to the colon (large intestine), where they support the growth of healthy bacteria in the digestive tract. They are an important added ingredient in prebiotic supplements for hind gut bioavailability.



## BUILDABONE

#### Feeding rate (split between two feeds)

Foals	25-50gm
Yearlings	25-50gm
<i>Loading rate: 50 gm for 10 days post surgery or injury recovery</i>	
Pregnant mares	50-100gm
Lactating mares	50-100gm
Horses in work	50-100gm
<i>Loading rate: 100 gm for 10 days post surgery or injury recovery</i>	

#### Scientifically Proven

Dr Brian Nielson, Department of Animal Science, Michigan State University, has reported (American Society of Animal Science 2008) that the use of \*Aquacid™ in the diet of Arabian yearlings had a significant effect on increasing bone turnover. Bone is constantly being broken down and replaced, a necessary process to maintain a healthy skeleton as this increases the opportunity to repair damaged bone before a problem becomes clinical. The scientific study confirms anecdotal evidence from the field where \*Aquacid™ has been used over a period of years on studs where incidence of DOD and other stress related bone injuries were previously reported. Aquacid is a lithothamnium complex that is similar to BetaVet BuildaBone.

#### Physical form

Powder available in 500gm, 1.5kg, 3kg and 10kg

#### Storage

Store in Cool Dry Place

#### Prohibited substances

Does not contain any ingredients known to contravene Jockey Club or FEI rules. Each batch of BUILDABONE is tested for common feed contaminants.

*\*NOTE Aquacid™ is sold under licence in New Zealand as BETAVET BUILDABONE.*