

# **EQUIFORCE Zinc & Copper**

# Organic zinc & copper with natural vitamin E and organic selenium

Concentrated and easy absorbable organic zinc and copper, added natural vitamin E and organic selenium. Supports the protection and recovery of healthy skin and is therefore recommended to horses when the skin's natural protective barrier and immune system are challenged, eg. on muddy paddocks/pastures, during rainy periods, or during hot periods when the horse is exposed to many insects. Zinc and copper also play important roles in the mineralization of the cartilage in the skeleton of foals and young horses, and in the maintenance of the skeleton in adult horses. In addition, zinc and copper play a major role in both immune system and muscle function. Often the content of zinc and copper is low or unknown in the grass or roughage, making supplementation beneficial.

### Strengthens the skin from the inside

A healthy and strong skin is an important barrier to various microorganisms (bacteria, fungi, and mites) that, given optimum conditions (moist and body heat), can replicate fast and cause lesions and skin infections. Many horse owners experience problems with painful sores and scrabs, especially on the horse's pasterns (mud fever) during periods of damp weather and muddy paddocks/pastures. The continual wetting of the skin causes a breakdown of the protective barrier of the epidermis, allowing the microorganisms to enter and cause infection. Supplementation with readily absorbed zinc, in combination with copper and the sulfur-containing essential amino acid, methionine, strengthens the skin's natural barrier and supports the formation of healthy and strong skin. In comparison to ointments or sprays that only work locally and often shortly, a supplement for oral ingestion has the advantage that it strengthens the skin on the whole body and that the effect is not washed off by rain, licking, or rubbing. EquiForce Zinc & Copper therefore also promotes recovery of healthy skin if the skin is damaged due to itching, insect attacks, and the like.

#### Supports the skeleton

In foals and young horses, still growing, zinc and copper are important key factors in a correct mineralization of the skeleton, just like adult horses regularly require small amounts for the maintenance of their skeleton. Often the content of both zinc and copper (and selenium) is low in grass and hay, which means that especially breeding mares, weaned foals, yearlings, and graizing horses may need additional subsidies.

# With natural vitamin E and organic selenium

EQUIFORCE Zinc & Copper is added natural vitamin E (RRR alpha tocopherol). This form of vitamin E is the only form (out of a total of 8) that is naturally occurring and it is absorbed approximately 40 % better than any of the other forms. Organic selenium with high absorbency, in combination with vitamin E, act as effective



antioxidants that increase the body's shield against aggressive chemical compounds, eg. free radicals, that, in high numbers, can cause oxidative stress and degradation of the body's cells. Antioxidants in the feed hence raises the horse's immune barrier and the ability to recover after hard excercise, aches in muscles, tendons, and joints due to small overloads or small lesions.

**Daily dose:** horses: 20 g (1 scoop), ponies: 10-15 g (½ - 3/4 scoop). Must be used for up to 8 weeks. Repeat the use if needed. Consult a nutrition expert before use, or before exceeding the recommended period of use.

**Composition:** Grass meal, beet pulp, chalk, fenugreek, rapeseed oil.

**Analysis:** crude protein: 6,2 %, crude fibre: 8,4 %, crude fat: 4,3 %, crude ash: 23,9 %, sodium (Na): 0,1 %

**Feed additives per kg:** Nutritional additives: zinc chelate of glycine hydrate(3b607): 29.000 mg, selenised yeast(3b8.11): 11.000 mg, copper chelate of glycine hydrate(E4): 10.400 mg, DL-methionine, technically pure(3c301): 10.000 mg, vitamin E: (3a700): 5.000 IU. Sensory additives: anise star oil(CAS-no: 8007-70-3): 0,4 %.

Specification	per kg	per 20 g
Zinc(Zn)	7.500 mg	150 mg
Copper(Cu)	2.500 mg	50 mg
Methionine	10.000 mg	200 mg
Selenium(Se)	25 mg	0,5 mg
Natural vitamin E	5.000 IU	100 IU

Feed category: Dietetic complementary feed for horses.

**Note**: Contains no substances prohibited by the FEI or The British Jockey Club.

Storage: Not too warm and in closed packaging.

# Packaging:

1 kg jar (66 daily doses) 3 kg jar (200 daily doses)