



Bara Mineraler is the market leader within the processing of plateau clay and pumice for use in growth medium used for commercial farming and construction. Using clay as the base material, we also produce plant care products for horticulture. Bara Mineraler is an innovative knowledgebased company with continuous product development. We market and sell our products in Sweden and Europe both directly and through resellers.

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# Bara CalciumPlus 2-6mm

Bara Calcium Plus 2-6mm consists of high quality 3-layer mineral Swedish Plateau Clay. Plateau Clay is formed during the last ice age in Scandinavia and is thus geologically a young clay. The clay is thus free from contaminants such as heavy metals, sodium, chloride and dioxins. Bara Calcium Plus 2-6mm is mined locally with minimal environmental impact and carbon emissions. Bara Calcium Plus 2-6mm meets national environmental law requirements and is approved for use in accordance with EU regulations for organic production. Bara Calcium Plus 2-6mm is certified by RHP.

## PRODUCT

Bara Calcium Plus 2-6mm, RHP- cert.

## RECOMMENDATION

Calcium Plus 2-6mm is used as an additive in peat- and coco based growth medium to increase the clay mineral content for horticultural production in flowers, vegetables, trees and shrubs. Calcium Plus 2-6mm has high cat-and anion exchange capacity and acts as a nutrient buffer for nutrients. Calcium Plus 2-6mm accelerates the absorption of water and disclosure of the water in the substrate. Calcium Plus 2-6mm is recommended for medium and large growing pots and the substrate with coarse sieving of peat or coconut fiber. Calcium Plus 2-6mm should be used on substrates which have the potential for mud flushed / washed out from the substrate and in growth medium for increasing air content. Bara Calcium Plus 26 is recommended for substrates to cultures and cultivation where higher level of calcium and carbonate content is desired. Bara Calcium Plus 26 can be used in the farming area where rainwater is used as a raw water source.

## USE

40-100 kg Bara Clay granulate EDR 2-6 per m<sup>3</sup>

## PRODUCTION

Bara Calcium Plus 2-6mm is manufactured by Bara Mineraler AB. Calcium Plus 2-6mm are made of RHP- certified Plateau clay. EDR Calcium Plus 2-6mm has been crushed, granulated and heat treated in an oven at 80 degrees Celsius and sieved to fraction 2-6mm.

## PACKAGING

1000 kg Big Bag.

## ENVIRONMENTAL

Case management is recommended in contact with the product. Wear suitable respiratory equipment: Use a half mask with particle filter P3.

## PHYSICAL PROPERTIES

Fraction: **granulate**  
Grain size: **2-6 mm**  
Bulkdensity, moisture: **1150 kg/m<sup>3</sup>**  
Moisture: **2-5%**

## CHEMICAL COMPOSITION - MINERAL ANALYSIS

Illite 35%  
Quartz 20%  
Feldspar 10%  
Kaolinite 5%  
Gothiet/glimmer 5%

## CHEMICAL PROPERTIES

CaCO <sub>3</sub>	2,5-3,5%
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