

Product Data



An Advanced Hi-Silica Orchid and Hydroponic Growing Medium

A lightweight, super absorbent, non-toxic, potting medium that virtually eliminates the need for repotting . . .

DYNA-ROK II is a natural, non-toxic and environmentally safe growing medium suitable for all indoor and outdoor plants, including orchids, roses, annuals, perennials, shrubs, vegetables and fruit trees. This lightweight, porous mineral is super absorbent, taking up as much as 150% of its weight in water and nutrients, which are then

slow released back to the plant's roots. Unlike traditional bark mixes, *DYNA-ROK II* will not decompose leading to root rot problems. This material is a sedimentary rock consisting of the fossilized remains of unicellular fresh water plants known as diatoms. It consists of approximately 90% amorphous silicate with the balance made up of other mineral elements needed for plant growth. Though largely inert, over time, some silicon and other minerals are released slowly to the plants. This results in faster growth, earlier and more prolific flowering, stronger roots and improved resistance to pests and environmental stresses. Whether used alone or as a soil amendment, *DYNA-ROK II* improves aeration, capillary action and minimizes root rot problems.

The *DYNA-ROK II*™ Advantages

DYNA-ROK II has high structural integrity and some insulation properties which provide effective thermal protection to the root zone of your plants. Sterilized before shipment, it will not support pathogens. Because it is inert, it has a far lower repotting rate than other potting media. It provides controlled water retention for naturally occurring wet/dry cycles and a healthy environment for plants whether grown hydroponically or in containers. It reduces salt build-up from "old style" powder fertilizers. *DYNA-ROK II*'s semi sterile state helps growers control the nutrient balance which promotes faster growth and healthier blooms. With the slow release of silicon, plant development is greatly improved.

Planting with *DYNA-ROK II*™

DYNA-ROK II is shipped in a dry state. Prior to using this material, we recommend thoroughly hydrating to balance the moisture content and remove any residual dust from the mining process. Soak the *DYNA-ROK II* in a bucket containing 1 tsp. each *Dyna-Gro*™ 7-9-5 Liquid Grow, *Dyna-Gro*™ K-L-N Concentrate™ and Pro-TeKt®, *The Silicon Solution*® added to each gallon of water. Allow sufficient time for the medium to become completely saturated before planting, overnight if possible. When planting, simply place the plant in the desired container and cover the roots with *DYNA-ROK II*. No compacting is necessary. Water the medium with a solution of 1 tsp. *Dyna-Gro*™ K-L-N Concentrate™ per gallon of water to stimulate new root growth and help acclimate the plant to the new medium more quickly.

DYNA-ROK II should always be used in conjunction with *Dyna-Gro*™ complete liquid nutrients to promote outstanding growth. In addition to the complete balanced nutrition provided by *Dyna-Gro*™ nutrient formulae, use of supplemental products like Mag-Pro™ and Pro-TeKt® will assist blooming, enhance color, reduce water loss by transpiration, increase resistance to pathogens and grow stronger, healthier and more beautiful plants. When your plant outgrows its container, transfer the current *DYNA-ROK II* along with the plant to the larger container and fill the void with additional *DYNA-ROK II*. There is no need to replace the *DYNA-ROK II* since it does not compact or break down. Finally, enjoy *DYNA-ROK II*'s best benefit . . . healthy plants with frequent, long lasting colorful blooms.

DYNA-ROK II™ as a Soil Amendment

DYNA-ROK II makes an excellent soil amendment to improve aeration in the soil, discourage burrowing insects and animals while providing a slow release source of silicon to plants. Rose growers have observed startling improvements in the quality of their plants when tilling in and top dressing with *DYNA-ROK II*.