

Horti-Perl®

HORTICULTURAL PERLITE

A premium PERLITE product by
REDCO II

PRODUCT
INFORMATION
BULLETIN

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Horti-Perl horticultural perlite is a unique volcanic mineral which expands up to 13 times its original volume when heated to about 1700°F. During heating the rock expands to form an extremely light-weight, sterile, and sharp white material. Each expanded particle contains tiny air cells and is covered with multiple cavities thus creating a unique and valuable structure for rooting and growing. With its inherent sharpness, Horti-Perl provides superior particle interference, thus creating excellent aeration and soil mix yield. With its extensive surface area, it also holds and releases sufficient moisture for optimum plant growth and development. Horti-Perl is odorless, chemically neutral, resistant to shrinkage and light in weight. This lightweight property allows for the custom blending of peat-perlite soils which weighs as little as 180 lbs. per cubic yard vs. 3,300 lbs. per cubic yard for natural soil. Horti-Perl is used in conjunction with most organic amendments, e.g. peat moss, bark or sawdust, and is available in several grades: HP-4, HP-3, HP-2, HP-1, #27, and #31-T. This wide range of sizes make it possible to adapt soil to a wide variety of plants in all stages of growth from propagation to large containers.

Horti-Perl #4 - Coarse, Screened, Propagation Grade

The coarsest grade of propagation perlite available; provides rapid drainage, and high air space after drainage. Ideal for propagation of cuttings of almost every variety of plant when used alone or with peat moss in various proportions. Also used extensively in bedding plant and ground cover media and in container mixes for Azaleas, Gardenias, Camellias, Ferns, and tropical plants.

Horti-Perl #3 - Coarse, All-Purpose Grade

Unscreened version of HP-4 possessing predominately coarse with some finer particles for those applications requiring additional water retention.

Horti-Perl #2 - Coarse, Intermediate Grade

Smaller top size than HP-4 or HP-3 but comparatively uniform in particle size with minimum fines. Used in ground cover, bedding plant, and plug applications.

Horti-Perl #1 - Coarse Sand Size

Still finer top size than HP-2 with more fines; ideal where additional moisture retention is desired, e.g. cell packs or in-ground application.

Horti-Perl #27 - Fine Sand Size

This relatively uniform, fine perlite is roughly equivalent in size to the Redondo Beach Fine Sand used in the original U.C. mix. It's uniform particle size provides sufficient particle interference to provide good aeration and drainage while retaining considerable extra moisture. #27 is an economical and long lasting amendment for bedding plant soils or landscape soil incorporation.

Horti-Perl #31-T - Intermediate, Screened Grade

A very clean, screened perlite, intermediate in size to HP-4 and HP-1. Ideal substitute for vermiculite in seed mulching and plug tray media.