

Green Block

Solid block
self-dosing
for treatment
urinal biological



Treat the environment, naturally!

Green Block is a unique combination of bacteria specific and green chemistry to avoid problematic odors. It is the accumulation in limestone in urinals. It is piping associated.

Green Block is applied directly to urinals and drains where present odors are unpleasant or what prevent problematic piping.

To place one block in each urinal. It is the case in gutters, approximately every 50 centimeters.

Blocks last 2-6 weeks

Compatible with all materials: stainless steel, porcelain, ceramics and natural stones.

Green Blocks release a fragrance with an immediate but long-lasting effect, which creates a pleasant environment in bathrooms.

Indicated for:

- Elimination of bad odors in installations sanitary.
- Elimination of incrustation limestone.
- Release of one pleasant fragrance.
- A continued use of the Green Blocks allows a radical reduction of consumption in water.



Our biotechnology solutions for the treatment of fluids



Photo 1 - Accumulation in urea

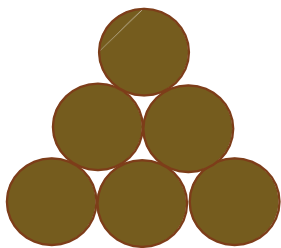


Figure 1 - Process of incrustation

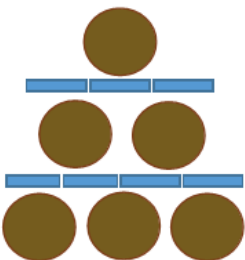


Figure 2 - Action of the Green block

Scale in urinals is formed by organic and inorganic elements.

Of the organic materials contained in urine, uric acid is an element that is moderately soluble in hot water, but insoluble in cold water and, therefore, urine when in contact with cold water flows promotes the deposition of uric acid on surfaces (Photo 1).

The selected bacteria that make up Green Block quickly degrade the organic components present in urine, such as uric acid, using them as a substrate for their metabolism, preventing them from being deposited on surfaces.

Inorganic scale is much more complex, it starts with simple water components, such as calcium carbonate, magnesium, ammonia and phosphate, of which magnesium and phosphate are always present, and the ammonia is released from the urine, accumulating as shown in Figure 1.

Green Blocks have a high biodegradability technology represented by the blue lines in Figure 2 which, by eliminating the organic matter integrated in the scale structure, prevents the formation and rigid accumulation of scale that later leads to mineralization.

The preventive use of Green Block has achieved results of up to 94% in scale reduction.