

R&F Liquid for dental laboratories

For clean drains and fresh air in dental laboratories!

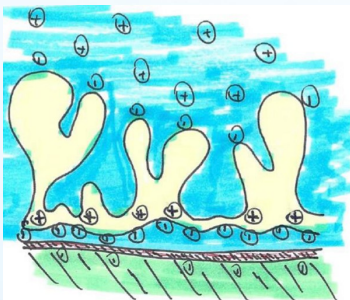
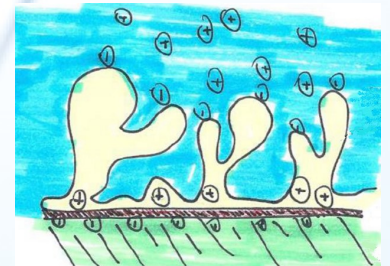
You can't see the real pollution in your draining system: biofilm, the slimy layer filled with bacteria.

Bacteria nestle in scratches, small openings and hollow tubes. They form a slimy layer, the biofilm. Bacteria are virtually invulnerable in this virtually impermeable mucus layer. Standard agents do not remove this biofilm.

The biofilm, that bacteria form to protect themselves against external attacks, has a positive charge. The surface of drainpipes are negative charged. This results in a very strong adhesion of the biofilm to the walls of the drain pipes ⁽¹⁾.

The unique effect of R&F is based on this positive and negative charge of materials.

A schematic representation of the negatively charged surface, the positively charged biofilm and the positively charged water. The result is a very strong adhesion.



The negatively charged R&F Liquid 'crawls' under the biofilm and loosens the biofilm from the surface it is attached to. The biofilm will flush away with the water, together with all bacteria.

R&F Liquid for dental laboratories is a unique multifunctional product.

It offers you various benefits:

- ⇒ It prevents gypsum from hardening in the drains
- ⇒ It removes biofilm and calcium out of drains
- ⇒ It neutralizes the rotten egg odor caused by bacteria.
- ⇒ It makes cleaning of your sink much easier
- ⇒ It is environmentally friendly
- ⇒ It is effective at low dosage (100 ml per week)

⁽²⁾Mera MU & Beveridge TJ (1993) Mechanism of silicate binding to the bacterial cell wall in *Bacillus subtilis*. J. Bacteriol. 175, 7:1936-1945

**ALGOLD
DENTAL**

Algold dental
Overveld 20
3848 BT Harderwijk
Netherlands
tel.: +31(0)341 423 385
info@algold.nl
www.algold.nl