

Technical Bulletin

FOOD AND BEVERAGE

Sani Marc Gels

An effective solution for easing labour requirements during cleaning operations by up to 40% compared to foam

The labour shortage is causing the industry to compete for workers. This type of situation is often a barrier to growth for companies – and a real headache for managers. One solution is to make cleaning processes more efficient and robust. Sani Marc gels can help.

Gel products have long been used in cleaning operations. Their higher viscosity allows them to cling to surfaces and increase contact time. The problem lies with gel products produced with conventional gel technology. These concentrated products are viscous in their initial state, but lose viscosity during dilution. By the time they are diluted to their usage concentration, their viscosity is virtually zero, eliminating any clinging ability.

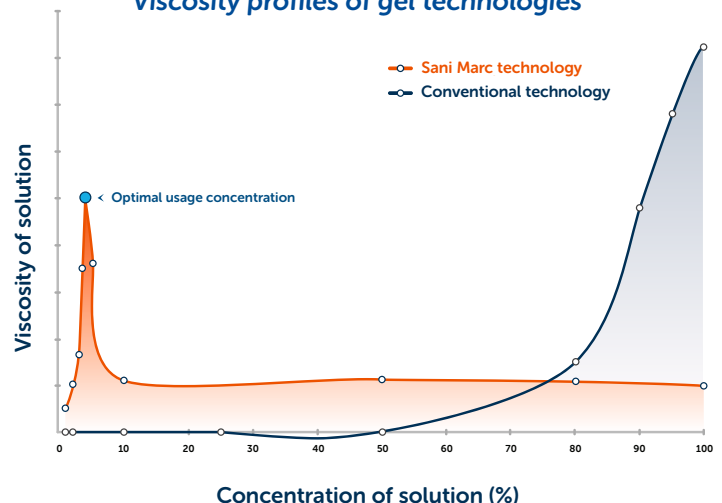
Sani Marc has been refining its gel technology for years and can help you determine the right products for your specific needs. We also offer technical support and application equipment that will allow you to optimize results and significantly lower labour requirements during cleaning operations.



How is it possible?

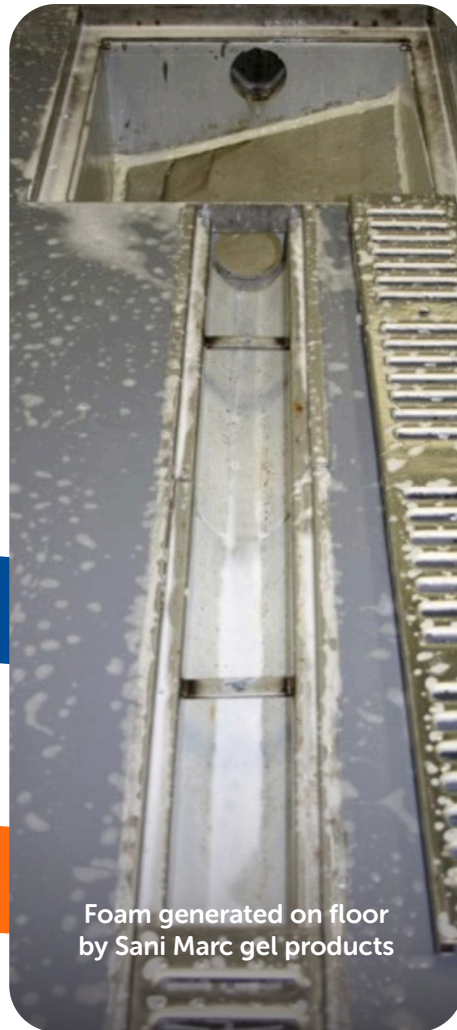
Sani Marc gel technology differs from conventional technologies. In their initial form, our concentrated gel products have a viscosity similar to that of water. During dilution, however, their viscosity increases as they approach their optimum cleaning concentration. This results in a highly adherent product and a tenfold increase in contact time compared to foam. The unique texture of our gels also has improved wetting ability for easier soil removal.

Viscosity profiles of gel technologies

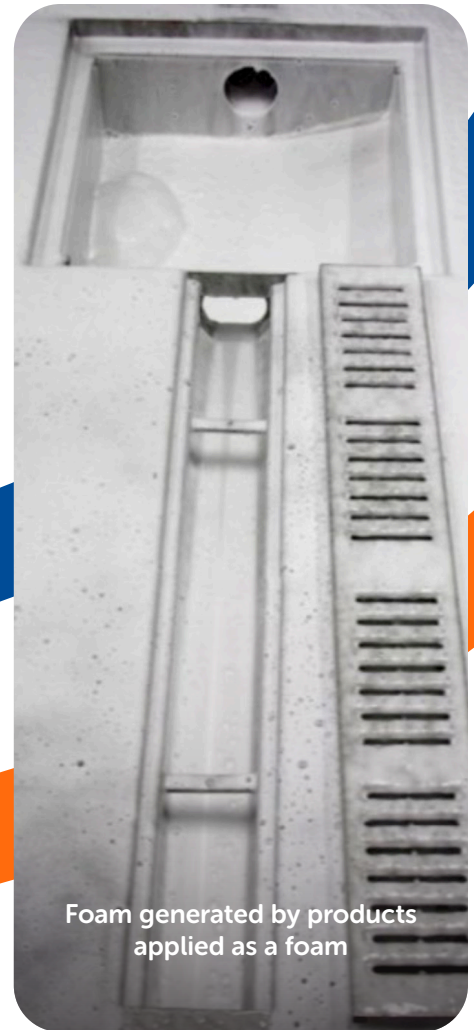


Main advantages of our gel technology compared to foam:

- By dramatically increasing contact time and wetting, you minimize the need for scrubbing.
- During rinsing, viscosity decreases rapidly and any resulting foam quickly breaks down. This makes the rinsing of surfaces and floors much easier, which significantly reduces rinse time.
- Unlike foam products, there's no need to calibrate the air/ product mix and the cleaning solution dispensing shut-off valve is located at the end of the applicator hose.



Foam generated on floor by Sani Marc gel products



Foam generated by products applied as a foam

Our gel products also help reduce the risk of workplace accidents in a number of ways:

- Applicator hoses are less bulky and therefore not nearly as heavy to carry, which reduces the risk of back injuries.
- Because there's no compressed air, there's much less chance of irritating microdroplets of cleaning agent forming in the air.
- There's less risk of accidentally spraying the product because of the dispensing shut-off valve at the end of the applicator hose. Users no longer need to get to the cleaning station first to shut off the system.

Proven technology

Our gel technology is a smart solution for easing the pains of a labour shortage.

Ask our representative for a presentation. He will be able to tell you more about the many other advantages of our gel technology, such as the significant reduction in water and chemical consumption.