SANOSIL
DISINFECTANTS FOR LIFE

Cleaning and disinfection of drinking water chambers with

Sanosil Clean TW and Sanosil S015 / Super 25

SANOSIL AG CH-8634 HOMBRECHTIKON, SWITZERLAND WWW.SANOSIL.COM SERVICE@SANOSIL.COM

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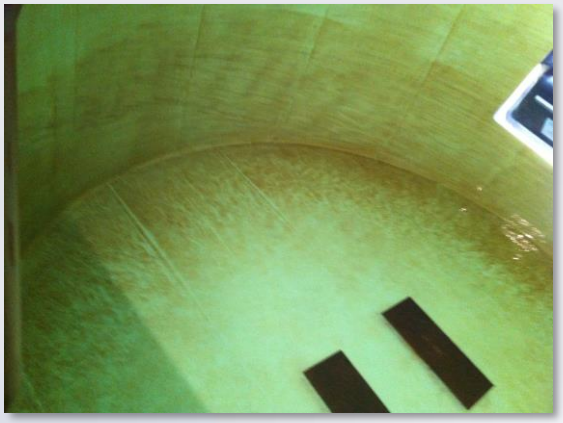
Deposits: Why are these problematic?

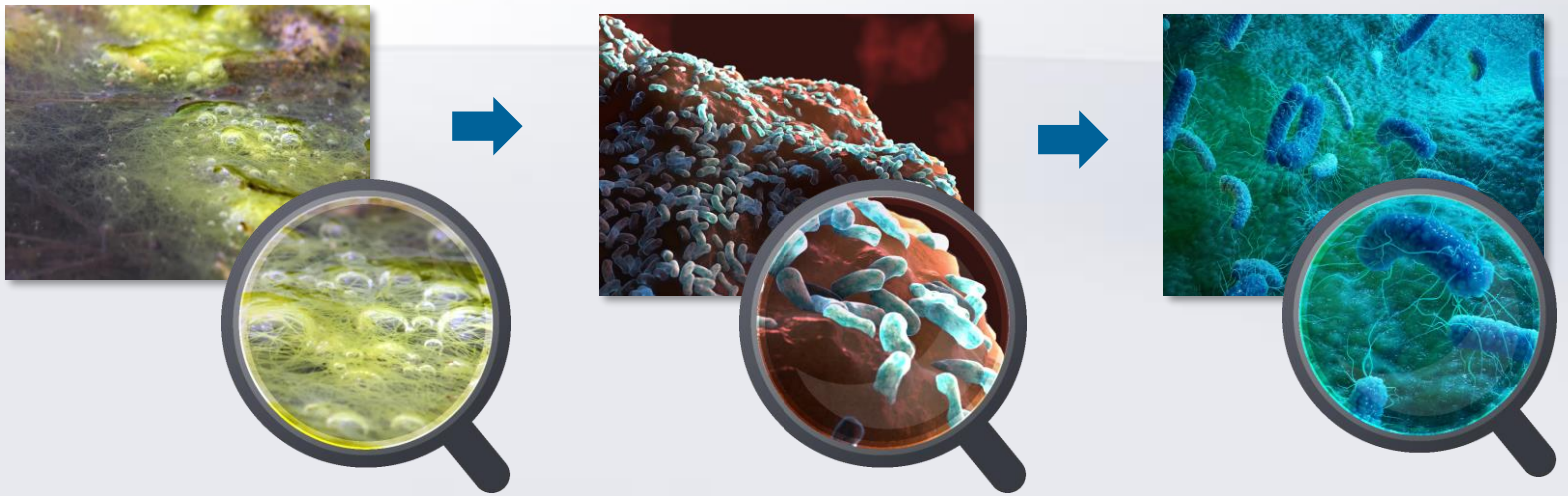


Drinking water chamber with deposits

Deposits

The "accompanying substances" present in the water are deposited on the surfaces of the drinking water chambers in the form of limescale, ochre deposits and sintering and subsequently form an ideal breeding ground for algae, bacteria and fungi. (Biofilms, see pictures below.)

To prevent the formation of germs on the surface as well as in the drinking water, the drinking water chambers should be completely cleaned and disinfected on a regular basis.



Sanosil Clean TW: Product presentation

Sanosil Clean TW: Description

Product: Special cleaner (concentrate) for cleaning and maintenance of drinking water systems.

Active ingredients: Organic / inorganic acids with biodegradable inhibitors and wetting agents.

Dissolves: dirt, iron, lime, manganese deposits / ochre deposits.

Compatible with: all common linings or approved coatings such as chlorinated rubber, epoxy resin, PVC linings, paint coatings, tiles, plaster, etc. Exception: galvanised parts, acid-sensitive surfaces.

Left: cleaned with Clean TW- right: uncleaned

Clean TW reacts with deposits

Sanosil Clean TW: Application

1. Pre-treatment

Thoroughly clean all surfaces with a high-pressure cleaner. Close the drain after hosing down. (For neutralization of the cleaning solution, if necessary).

2. Apply Clean TW solution

Spray on the TW solution (see next page for dosage) with a hand sprayer or a low-pressure sprayer with a lance from bottom to top. Foaming and a crackling noise are normal.

Wear an aerosol-tight full protection mask to protect against aerosols.

Clean TW: Dosage

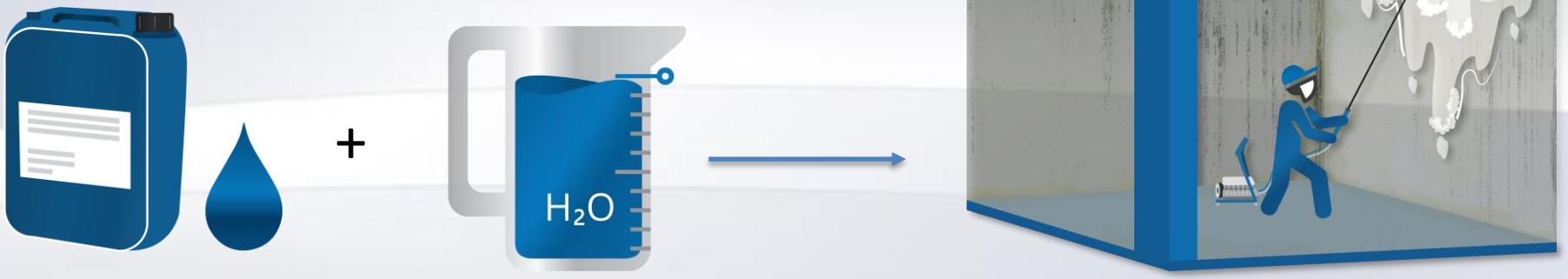
Dosage:

- For **very heavy crusts:**

Clean TW undiluted, approx. 1.5 litres Clean TW for 10m^2

- For **normal soiling:**

Dilute Clean TW 1:9 with water, 1.5 litres ready solution for 10m^2



1l TW

9l Water

10m^2 Surface

For heavy metal deposits: Cleaning booster A

For heavy metal deposits:

In case of heavy iron and manganese deposits (recognisable by dark or reddish-brown discolourations): Additionally use cleaning booster A.

Dissolve cleaning booster A (bag of 1000g) in 5 litres of water and mix per 25kg canister of Sanosil Clean TW. Process the solution within 1 week

100g CB A

+

1l Water

mix

1l Solution

+

5l Clean-TW

Rinse off the Clean TW solution:

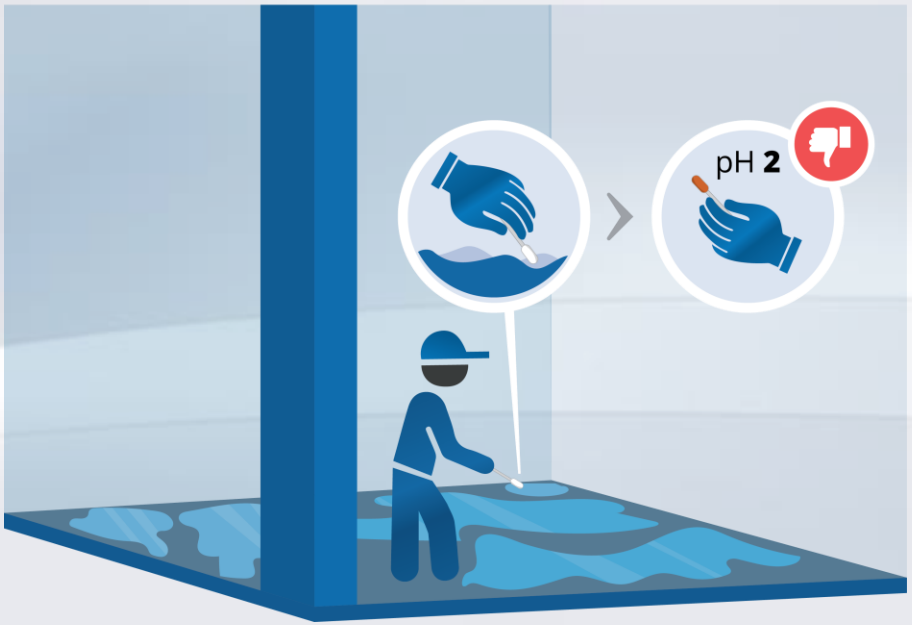
Rinse off:

After approx. 30 minutes, rinse off the dissolved deposits with plenty of water. Keep the floor drain closed to neutralise the waste water (if needed).

Before

After

Neutralisation of the rinse water



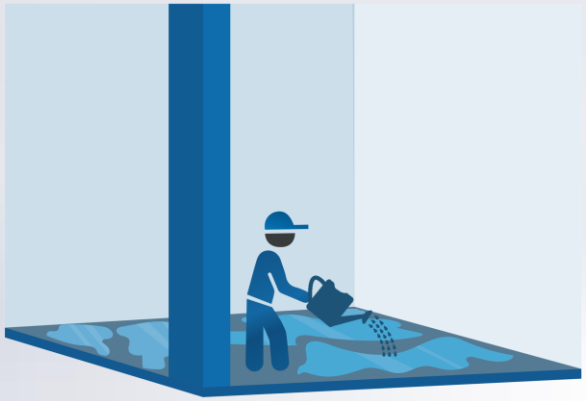
Measuring the pH value

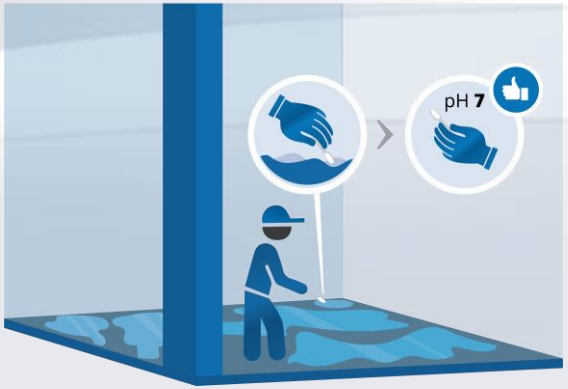
Large quantities of strong acids must not be allowed to enter the sewage system without neutralization. The pH value of the wash water (rinse water at the bottom of the chamber) is therefore measured using indicator paper.
Immerse the strip and read off the change in color.

A pH value of less than 6 always requires neutralization.
(Local regulations must be observed)

Indicator paper: Tritest

Neutralisation of the rinse water





Neutraliser: Application

For each 1 litre of Sanosil TW used, approx. 250 - 300 g of Sanosil TW Neutraliser powder is needed to neutralise the rinsing water.

Dissolve the required amount of powder in a little water and spread the solution on the sump with a watering can.

Check with the indicator paper: PH 6-8 = OK (drain and rinse).

300g TW Neutralizer

neutralises

1l Clean TW

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Disinfection with Sanosil S015 or Super 25

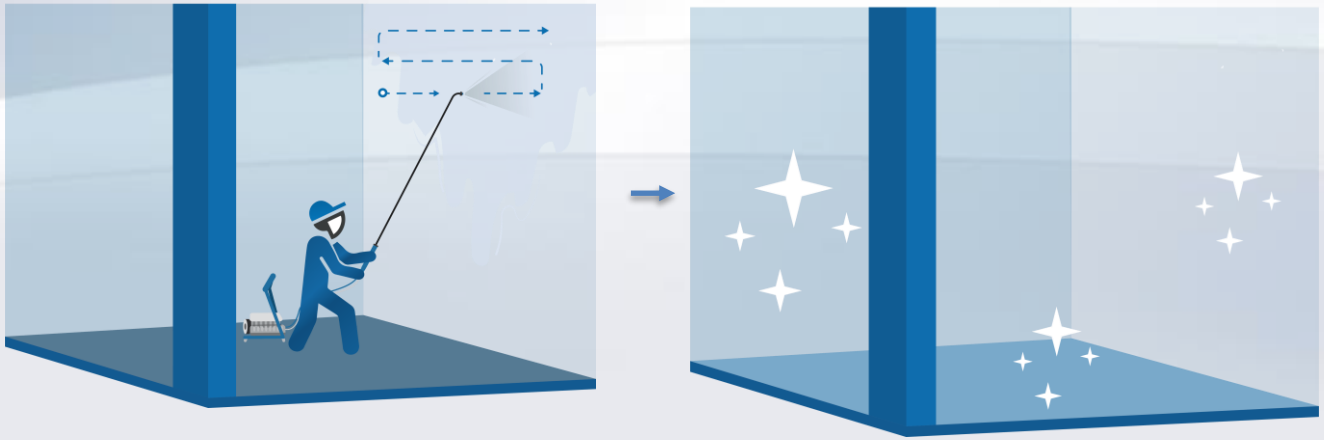
Sanosil disinfectant : Application

Spray the surfaces of the cleaned reservoir with a 20 % solution of Sanosil S015 (or a 3 % solution of Sanosil Super 25).

Consumption of disinfectant solution is approx. 30-40 ml solution per m^2

Important: In case of extensive aerosol density, wear an aerosol-tight protective mask, filter class ABEK-P3.

Allow to dry and refill the reservoir.



Mix a 20% S015 solution

*

1l S015

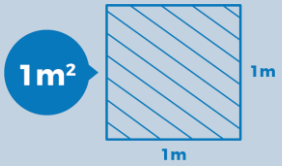
+

4l Water

H_2O

= 130 m^2

* Maximum shelf life of the solution: 3 days



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Sprayer Dynapress / Technical data Clean TW

Sprayer Dynapress: Data

Connection:	220 V
Suction height max:	1 m
Maximum pressure:	10.7 l/min
Maximum pressure:	15 bar
Noise pressure:	62 dB
Gross weight (pump & motor, without lance):	13 kg

Sanosil Clean TW Data

Main ingredients:	Hydrochloric acid, phosphoric acid, glycolic acid, surfactants
Packaging Sanosil Clean TW :	25 kg canister (liquid)
Shelf life:	At least 1 year from date of delivery
UN number:	1760
Hazard class for transport:	Class 8