



Patented Sole and Wheel Cleaning System for the
Chemical and Pharmaceutical Industry

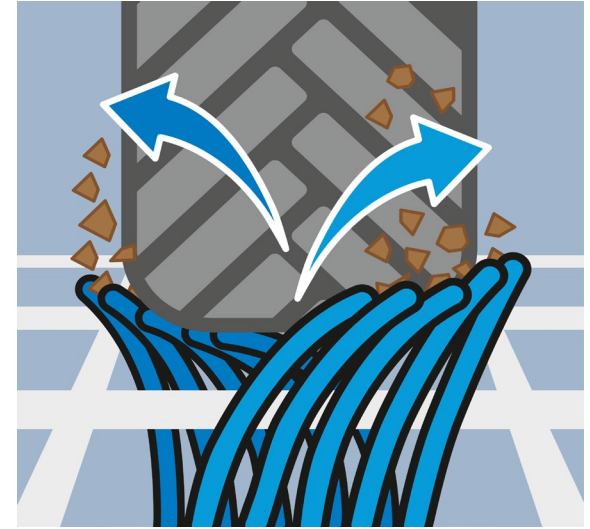
The Problem...



...the Solution!



The Principle

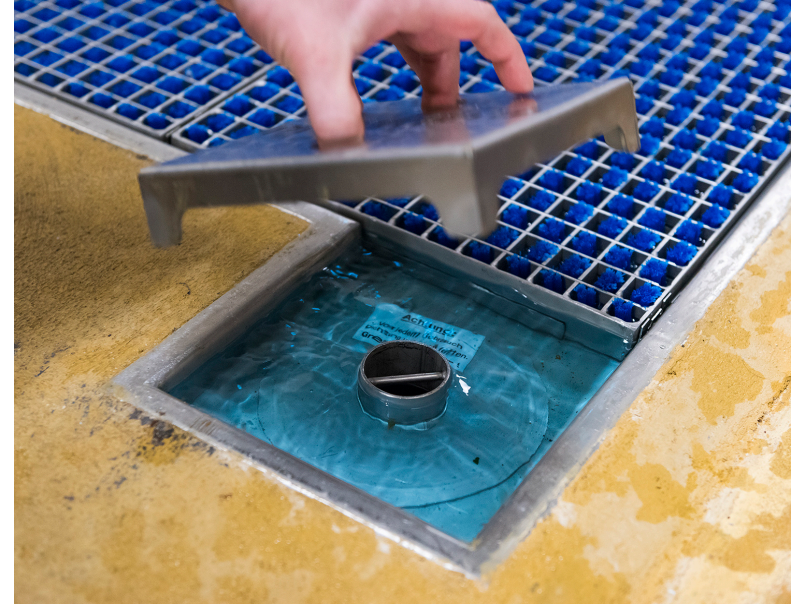


The ProfilGate®
Video is available here:



The Advantages

- improved hygiene
- tire treads are purely mechanical cleaned and disinfected in only one process
- high efficiency
- patented brush strips with slanted bristles
- long durability
- easy maintenance



Proven Effectiveness – Wet Cleaning



Scientific analysis of
microbiological effectiveness
using RODAC plates
and swab test

Proven Effectiveness – Test Results

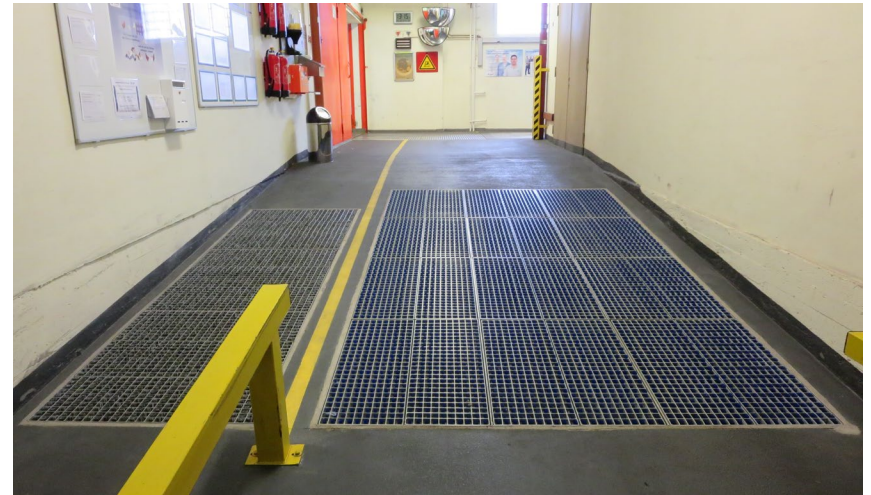
		Rollers After application of MO + drying	Soles After application of MO + drying	Rollers After driving over the fields	Soles After passing the fields	Reduction
E. coli	RODAC – plate	Lawn/ 25 cm ²		141 cfu/ 25 cm ²		Significant reduction
	Swab	ca. 10 ⁵ cfu/ml *	ca. 10 ⁵ cfu/ml *	ca. 10 ³ cfu/ml *	ca. 10 ³ cfu/ml *	2log ₁₀ -Steps = 99%
Enterococcus faecium	RODAC - plate	Lawn/ 25 cm ²	Lawn/ 25 cm ²	46 cfu/ 25 cm ²	60 cfu/ 25 cm ²	Significant reduction
	Swab	ca. 10 ⁶ cfu/ml *	ca. 10 ⁵ cfu/ml *	ca. 10 ⁴ cfu/ml *	ca. 10 ³ cfu/ml *	2log ₁₀ -Steps = 99%
Aspergillus niger	Swab	ca. 10 ⁴ cfu/ml *	<i>Not tested</i>	ca. 10 ³ cfu/ml *	<i>Not tested</i>	1log ₁₀ -Steps = 90%

Lawn: proliferation of nutrient agar by microorganisms (MO) (more than 1000 germs per plate)

cfu: colony forming unit

* ca.: This is a semi-quantitative method.

Typical Applications



When is the Application worthwhile?



- in cases where in-house cleanliness is indispensable
- in cases where workplace safety shall be improved
- in cases of high cleaning costs
- in cases of high vehicle frequency

Chemical and Pharmaceutical Industry References



Beiersdorf



Johnson & Johnson



MAQUET
GETINGE GROUP



P&G



WACKER





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