

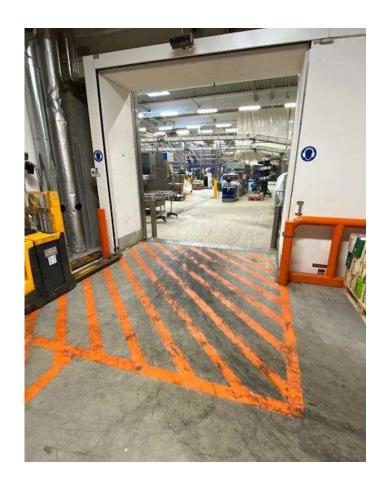
ProfilGate® - Contamination Control System for the Food Processing Industry







The Problem







- High risk of microbiological contamination
- X High risk of ingress of foreign matter





Current Measures and their Limitations









X Sticky mats

Not durable, very quick wear and tear



Disinfection mats

No physical brushing and no dirt removal, limited to light weight



Foot baths

No physical brushing and no dirt removal, limited to pedestrian traffic







Key-Element for Cleaning Process and Optimum Hygiene Concept

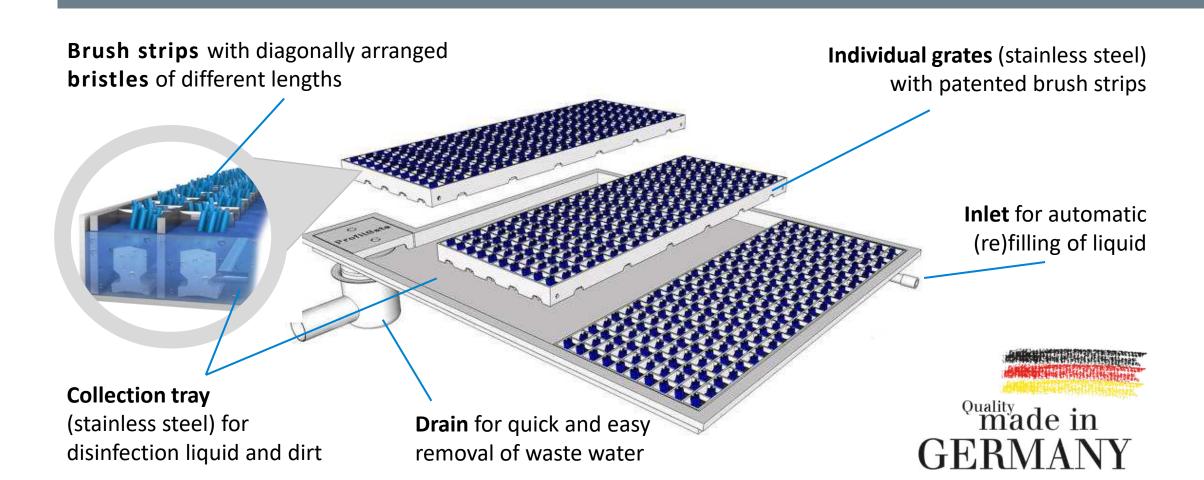


- Active brush cleaning of shoe soles and tires in only one process
- No stoppages necessary, cleaning while passing the system
- **✓** Low maintenance
- Extremely long durability and warranty





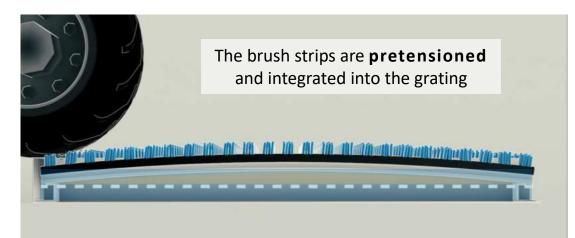
The Components of the System

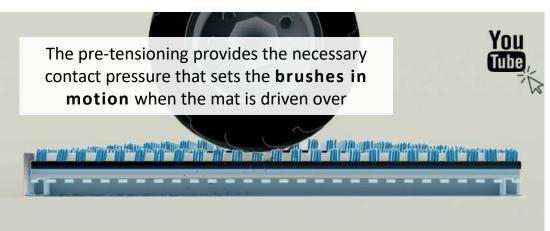






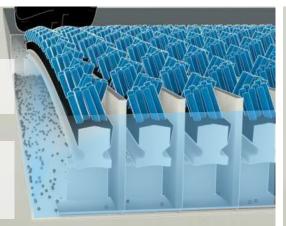
The Function





The bristles are slanted and arranged alternately

The liquid reaches the tire tread via the capillary action of the bristles



Physical brush cleaning and chemical disinfection allow for an optimum cleaning





Typical Applications – Caster and Footwear Cleaning













Typical Applications – Separating Low Risk from High Risk Zones







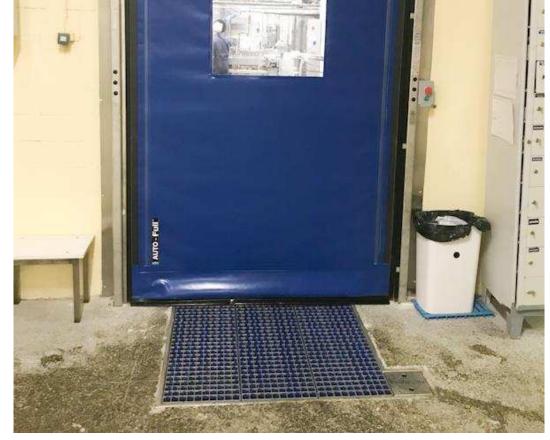






Example of a food Installation in Lithuania





KG Group Klaipėdos pienas

HEUTE ProfilGate AQUA





Example of a non-food Installation in Lithuania





Avisma

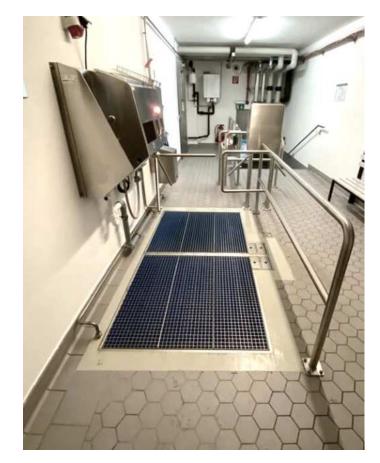




Easy to Use and Clean











Effectiveness – Scientifically Proven

	Rollers after application mo + drying	Soles after application mo + drying	Rollers after driving over the fields	Soles after passing over the fields	Reduction
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. 10³ cfu/ml *	2log ₁₀ -Steps = 99%
	Lawn/	Lawn/	46 cfu/ 25 cm ²	60 cfu/ 25 cm ²	Significant reduction
RODAC - plate	25 cm ²	25 cm ²	25 CHI*	23 (111	
RODAC - plate Swab	25 cm ² ca. 10 ⁶ cfu/ml *	25 cm ² ca. 10 ⁵ cfu/ml *	ca. 10 ⁴ cfu/ml *	ca. 10 ³ cfu/ml *	2log ₁₀ -Steps = 99%



The single passing led to a reduction of the microbiological bacteria load of approx. 99%.

The load by the mould spores was reduced by approx. 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.





Product Safety – Certifications



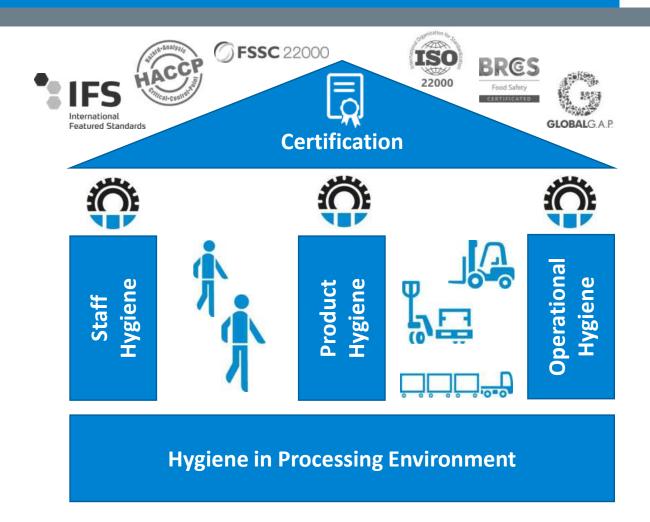
Strict quality and product safety standards



Target is to **protect** hygienic areas **from contamination** and to **provide bio-security**



ProfilGate is the missing link to maximize **process reliability**

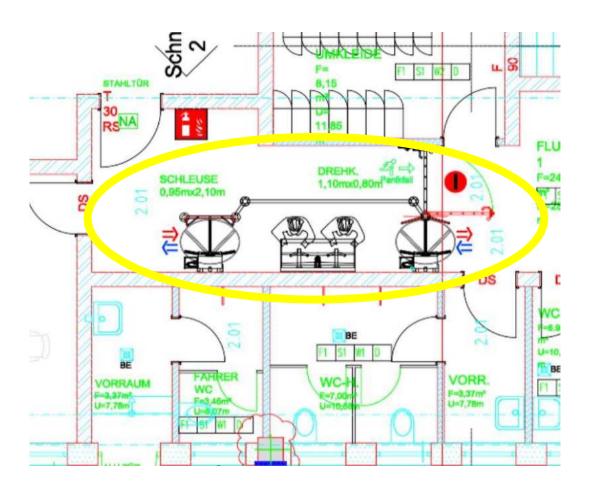




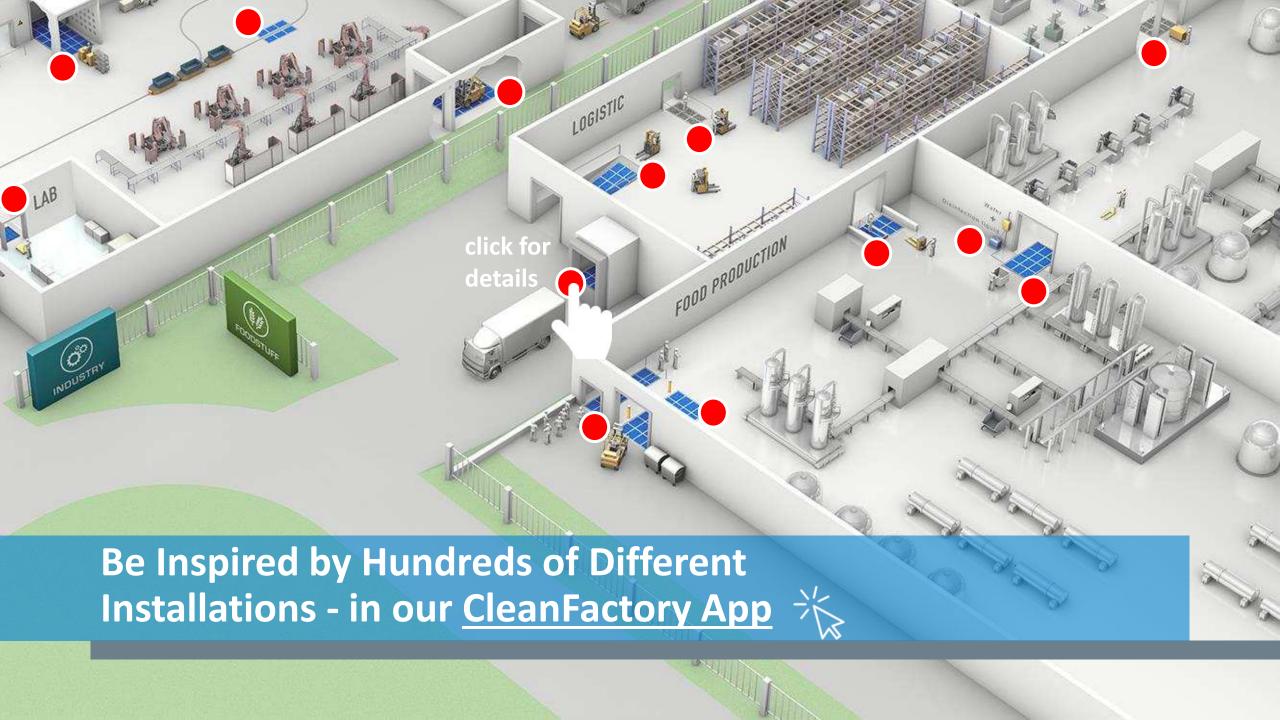


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From Planning to Implementation











References











































































Global Presence: 2 Locations - More than 40 Representations Worldwide



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a brand of



Dirt Problems?

Contact us!

