

# Solidsan<sup>®</sup> Anti-Microbial Solid Surface

The hand wash stations that kill bacteria



# Solidsan® Anti-Microbial Solid Surface

comes standard with the following products:

- Sanifount
- Saniwave
- Solidwave



Sanifount



Saniwave



Solidwave

## The hand wash stations that kill bacteria



- How does it work?  
In the presence of moisture Intersan's Solidsan® solid surface releases anti-microbial ions gradually. Negatively charged microbes and positively charged anti-microbial ions are drawn together, thus disturbing a microbe's electric balance. In response, the microbe's cell walls burst and the microbe is extinguished. Or, as anti-microbial ions are taken into the microbes, they react and bond to the cellular enzyme microbes. This inhibits enzyme activity and the multiplication of microbes, thus extinguishing the microbes.
- Intersan's anti-microbial characteristics are throughout the Solidsan® material, and is not merely a surface coating. The anti-microbial agent is added during the manufacturing and is thus present on the surface and on the inside of the solid surface material. In other words: even if the material gets scratched, it will keep its anti-microbial activities.
- The anti-microbial protection is permanent. The anti-microbial agent will not dissipate or scratch off.
- Intersan's anti-microbial additive is registered with EPA and approved by the FDA.
- Applications: schools, medical facilities, hospitals, high-traffic restrooms.
- Uses Solid surface hars dat voor 20% uit 'rapidly renewable materials' bestaat.



### Solidsan® Anti-microbial Solid Surface Test\* Results

	Number of living bacteria		Reduction%
	At beginning	After 24 hours	
Test result of anti-microbial effect against Escherichia coli			
Untreated solid surface	$1.2 \times 10^5$	$1.0 \times 10^5$	-
Solidsan® anti-microbial solid surface	$1.2 \times 10^5$	$>1 \times 10^2$	>99.900
Test result of anti-microbial effect against Staphylococcus aureus			
Untreated solid surface	$1.3 \times 10^5$	$8.4 \times 10^4$	-
Solidsan® anti-microbial solid surface	$1.3 \times 10^5$	$<1 \times 10^2$	>99.883

\*Tests executed in accordance with "JIS Z 2801"

### Intersan Manufacturing Company

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