

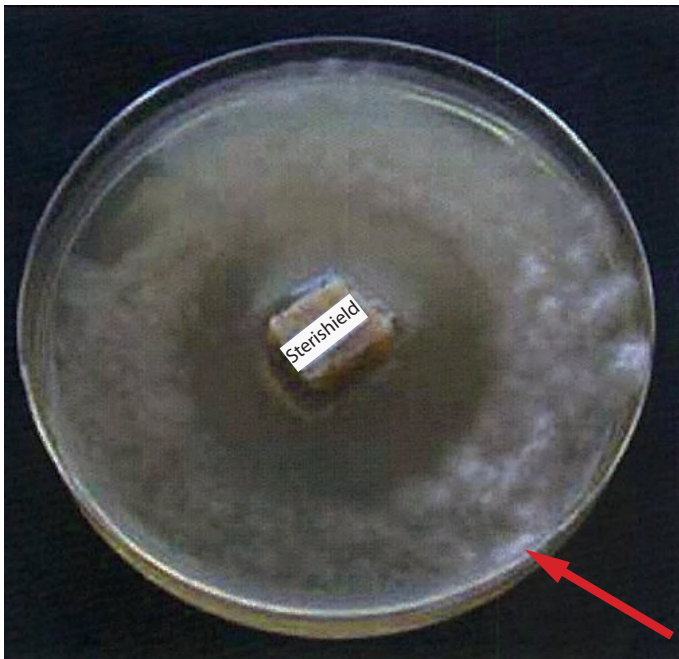
Sterishield biocide additive

Sterishield is a biocide specifically developed for the complete protection of Nuplex water based and solvent based products against algae and fungal spoilage in the dry state.

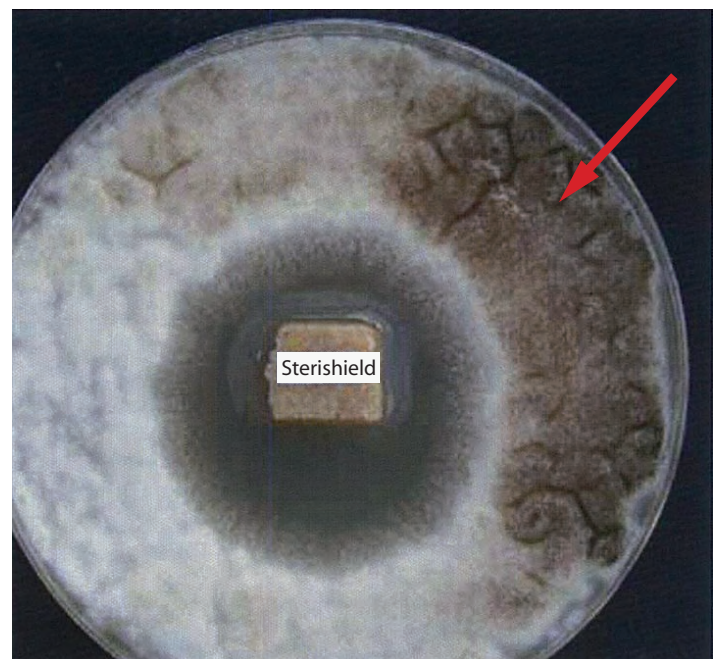
The **Sterishield** additive can be added to the following flooring systems as an option: Sureshield Series, Surecote 500 Series and Nuthane SB

Sterishield has a broad spectrum of activity which includes the following common spoilage organisms;

Organism	MIC (ppm)
Bacteria:	
<i>Pseudomonas aeruginosa</i>	1100
<i>Pseudomonas putida</i>	800
<i>Proteus vulgaris</i>	800
<i>Escherichia coli</i>	300
<i>Staphylococcus aureus</i>	100
Fungi:	
<i>Aspergillus niger</i>	25
<i>Penicillium mineoluteum</i>	25
<i>Fusarium solani</i>	25
<i>Geotrichum candidum</i>	25
Yeast:	
<i>Candidia albicans</i>	10



The photo above shows a sample of Sterishield modified Sureshield in an agar media fully inoculated with mould (*Aspergillus*). The photo shows mould growth after three days. Unmodified samples would show growth evenly across the plate.



This plate shows heavy mould growth after four days. the Sterishield component is actively preventing the growth of micro organisms around the sample.

Sterishield cont.

Product carrying the **Sterishield** additive are clearly marked on the containers. Our floor coatings are microbial neutral (ie, they don't promote mould growth). However aggregate filled toppings may hold moisture and nutrients which may allow mould growth.

The **Sterishield** additive will inhibit the growth of moulds and help prevent the development of mould populations.

Active cleaning and/or CIP processes have the prime effect on hygiene but **Sterishield** will assist the inhibition of growths in warm damp environments.

