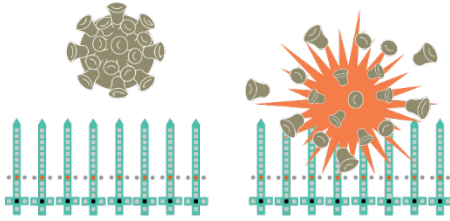


Don't let the thread spread germs! Carpets and textiles are widely known to harbor and incubate germs and harmful microbes. AEGIS® modifies treated surfaces creating an inhospitable environment for microbes including bacteria, fungus and mould – in other words microbes cannot live on surfaces. This once a lifetime application will keep carpet fresh without the use of harmful chemicals



How Aegis® Works

Aegis®'s positive nitrogen center attracts microbes, while its carbon chain punctures the cell membrane destroying the microbe on contact! This combination of stabbing and transfer of energy ensures the coating to be fully effective as long as the surface remains intact.



Carpet and Textiles

Pre-and post-treatment of carpets and textiles has been documented for over 30 years. Proving to significantly reduce mould, mildew and other odour causing bacteria. Additionally, by reducing the microbial contamination: staining, degradation of fibers, and need to replace carpet is drastically reduced.

Causes of Microbial Contamination

Foot traffic - brining in:

- Bacterial
- Moisture
- Dirt and other organic material



[Odour & Staining](#)

Flooding

- Moisture
- Contamination in the water



[Mould & Mildew](#)

Spills and accidents

- Pet accidents
- Food spills
- Bodily fluids



[Bacteria and Viruses](#)



Fungal and mould spores have affected the carpet on the left sample; the sample on the right is protected, and has little to no growth.



Studies have linked contaminated carpeting to: Increased stress levels, Respiratory issues, Skin irritation, and allergies - Kuopio Institute of occupational Health

Benefits to treating Carpets and textiles:

- Reduce odour
- Promote a fresher feeling
- Ensure a healthier and safer environment
- Preserve materials and new look
- Ensure a healthier and safer environment
- Save money on replacement cost

Aegis® makes the fibers of the textiles/ carpets an inhospitable environment for the causes of contamination to turn in to odour causing issues. Additionally, the coating makes it difficult for contaminations to stick to the fibers – ensuring the **materials come cleaner easier and more effective.**

