

**Local Hospital Severely Affected By Visible Bacterial Growth On A Ward Wall Painted With A Leaching Antimicrobial Paint.**

Background: In 2000, walls of a local hospital were affected by bacterial growth on the wall surface. AEGIS ASIA was retained to determine the cause of the outbreak and to implement a solution to the problem.

Observation: The walls of the affected wards were literally showing visual sign of bacterial slimes (yellow) growing readily on the painted surface. Further tests revealed that the bacterial stains (7 types found) had adapted to the paint biocide's chemical properties and were using the biocides as a food source to thrive.

Solution: AEGIS ASIA was appointed the tasks to bio-decontamination the affected walls surfaces and treat the surface with AEGIS Microbe Shield (A non-leaching antimicrobial). Subsequent surface swab samplings were done on every year and, to date (last checked in 2004); no microbial activity or visual growth has been detected.



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