News from Dycem

Independent study demonstrates Dycem is highly efficient at killing viable organisms

A recent study by Dr Gareth Robinson of the University of the West of England (UWE) compared the efficiency of Dycem, peel-off mats and vinyl flooring in reducing viable organisms through the use of bioluminescence.

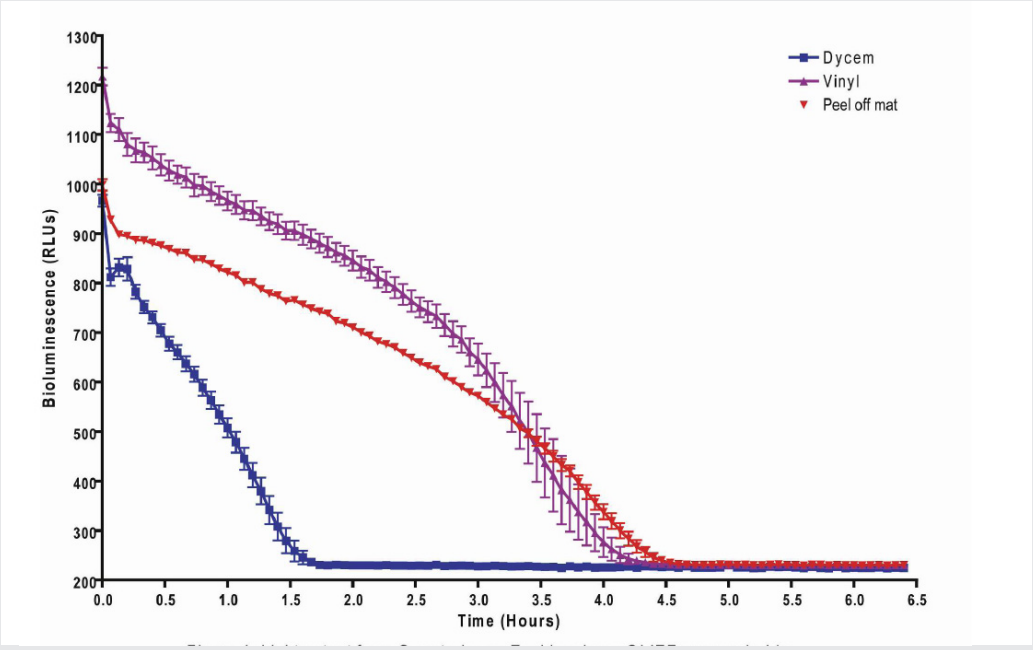
Bioluminescence is the production of light by living organisms. Organisms that are bioluminescent include certain fungi and bacteria that produce light continuously.

The use of Salmonella Enterica as the test organsim clearly demonstrated that Dycem is highly effective in reducing the growth of viable organisms.

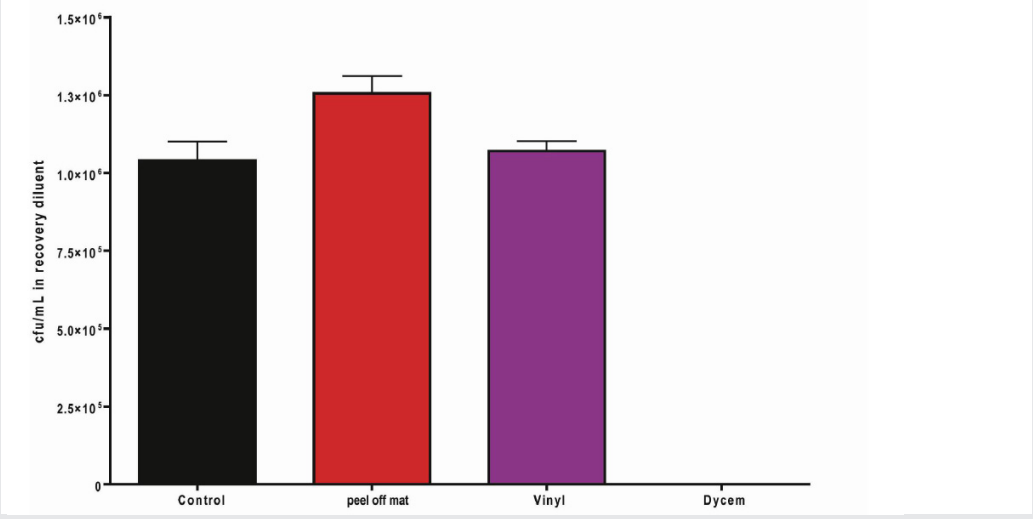
The results show that Dycem gets to work immediately to reduce the growth of bacteria and ***after 3 hours between 65% and 100% of all viable organisms were dead***.

The peel-off mat and vinyl materials took far longer to exhibit a rate of inhibition. In fact after 3 hours both the peel-off mat and the vinyl floor sample actually had more viable organisms on them than at the start of the test.

For a full copy of the report and the data please click on http://www.dycem-cc.com/images/article.pdf



Light output from S. enterica sv Typhimurium pGLITE suspended in nutrient broth inoulated onto a range of flooring surfaces.



Recovery count from flooring samples inoculated with S. enterica sv Typhimurium pGLITE for a period of three hours in moving air