

Alexander Dennis LTD



Alexander Dennis Limited (ADL) is Britain's biggest bus builder and the world's largest manufacturer of double deck buses with a strong presence in the UK.

- Around the globe, ADL buses carry 25,000 passengers everyday
- In London alone ADL buses carry 3.5 million passengers per day
- 31,000 Alexander Dennis buses are in service around the world

Case Study

Case Study: Alexander Dennis LTD

Test Results: Before and after application of 1-year Antimicrobial Shield
 Bus Registration Number: SN66VZO

Procedure

Readings were taken from a hygiene device, lumitester, which was used to measure microbial count on surfaces. The measurements were taken before the coating and approximately 24 weeks after coating.

Surface	Steering Wheel	Stop Button	Handlebar
Before Coating (June 29, 2020)	10897	1288	1466
Retesting (December 6, 2020)	59	28	107

Conclusion

The above results show a significant reduction in the count of microbes on various surfaces after applying the Shield coating. In line with our scientific knowledge and claims of this product, the reduction in microbial count has been sustained.

Comments

The lumitester provides a rough guide and is a fast and practical tester.

Patented Technology Destroys Bacteria and Viruses for up to 1-Year.

Miss Universe Project at the Hard Rock Hotel, FL

Miss Universe Competition – Invisi Smart Technologies applied by Purifly

Procedure

Readings were taken from a hygiene device, lumitester, which was used to measure microbial count on surfaces. The measurements were taken 30 minutes after application complete.



Surface	1 st Floor Beverage tap #1	1 st Floor Beverage tap #2	Escalator Handrail
Before Coating	1738	777	-
Post Spray Reading	1	0	10

Conclusion

The above results show a significant reduction in the count of microbes on various surfaces after applying the Shield coating. In line with our scientific knowledge and claims of this product, the reduction in microbial count has been sustained.

Comments

The Leadership team measured cleanliness using ATP monitoring; the Hygenia SystemSure Plus™. For testing, we took the Lewis/Griffith2 approach of Pass/Fail for benchmarking with readings below 250 RLUs being a pass and our professional standard of under 100 RLUs which exceeds industry standards.



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