

Report on antiviral activity of XTD Antimicrobial Fibreboard on human coronavirus OC43 (CoV-OC43).

Report reference	RenewFibre/001/2020
Applicant	RenewFibre Asia Pte Ltd
Test product	XTD Antimicrobial Fibreboard
Test method	ISO 21702:2019
Test indicator	Antiviral activity
Test material	4% Rozinco in XTD Antimicrobial fibreboard
Virus	Human coronavirus OC43
Cell line	LLC-MK2

Results

Experiment	Mean virus titer, PFU/cm ²
Positive control	8.5 X 10 ⁶
Negative control	No plaques
Test product (untreated)	No plaques
Test product at 24 hours contact exposure	1.0 X 10 ²
Log reduction	>3.92
Percent reduction	>99.9%

Conclusion

XTD Antimicrobial Fibreboard has a >99.9% antiviral efficacy against human coronavirus OC43 after exposure for 24 hours.

Report prepared by:

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