

Fig. E-1

Average zone of bacterial growth inhibition (left) and antimicrobial concentration (right) for atmospheric (Atm; solid circles) and vacuum-mixed (Vac; open circles) Cemex Genta. The horizontal line represents the 32-mg/L susceptibility threshold. *The difference was significant. The boxes represent the first and third quartiles, the horizontal line within the boxes represents the median, and the I-bars represent the 5th and 95th percentiles of the data.

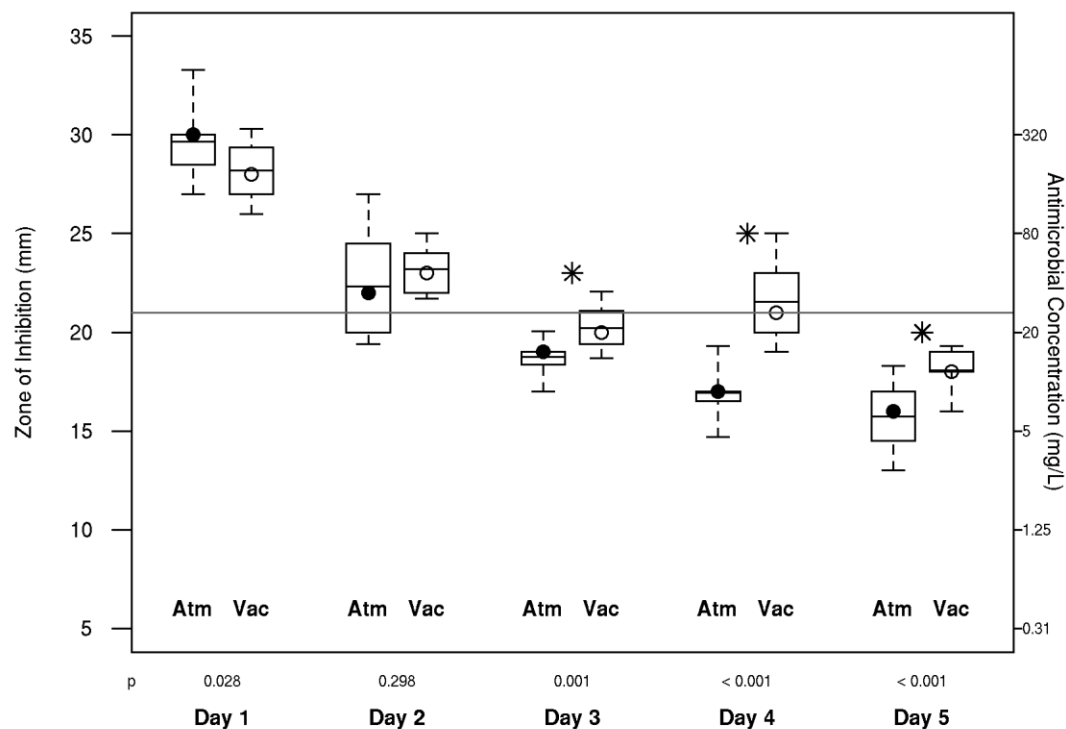


Fig. E-2

Average zone of bacterial growth inhibition (left) and antimicrobial concentration (right) for atmospheric (Atm; solid circles) and vacuum-mixed (Vac; open circles) Cobalt G-HV. The horizontal line represents the 32-mg/L susceptibility threshold. *The difference was significant. The boxes represent the first and third quartiles, the horizontal line within the boxes represents the median, and the I-bars represent the 5th and 95th percentiles of the data.

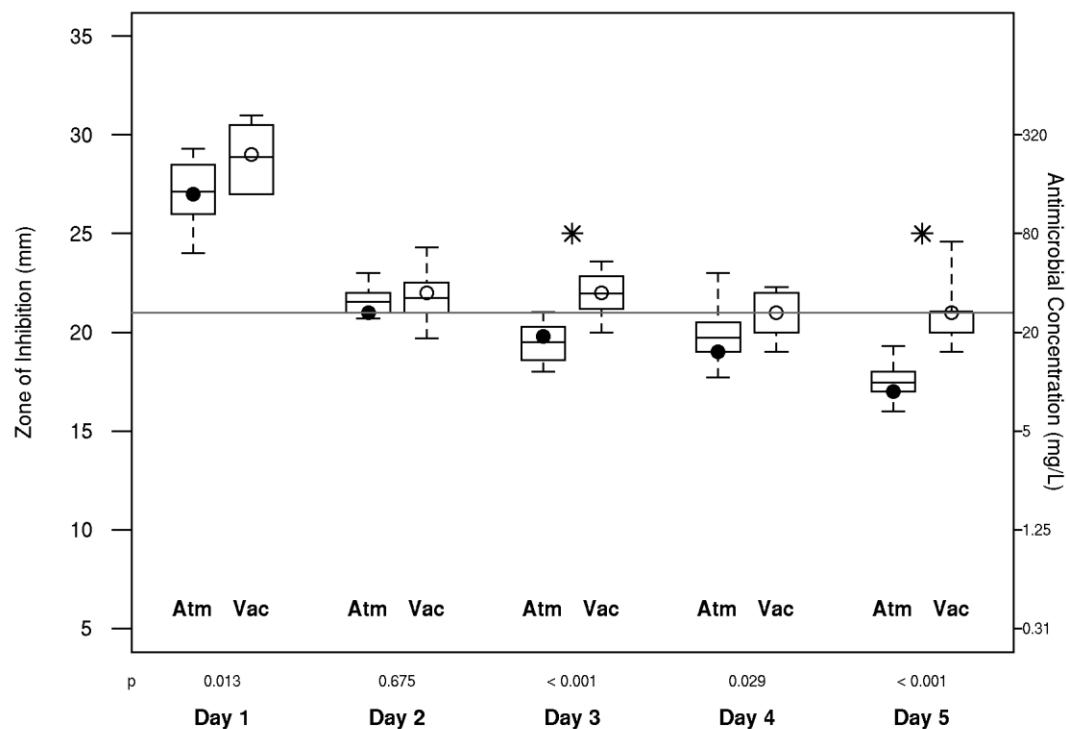


Fig. E-3

Average zone of bacterial growth inhibition (left) and antimicrobial concentration (right) for atmospheric (Atm; solid circles) and vacuum-mixed (Vac; open circles) Palacos R+G. The horizontal line represents the 32-mg/L susceptibility threshold. *The difference was significant. The boxes represent the first and third quartiles, the horizontal lines within the boxes represent the median, and the I-bars represent the 5th and 95th percentiles of the data.

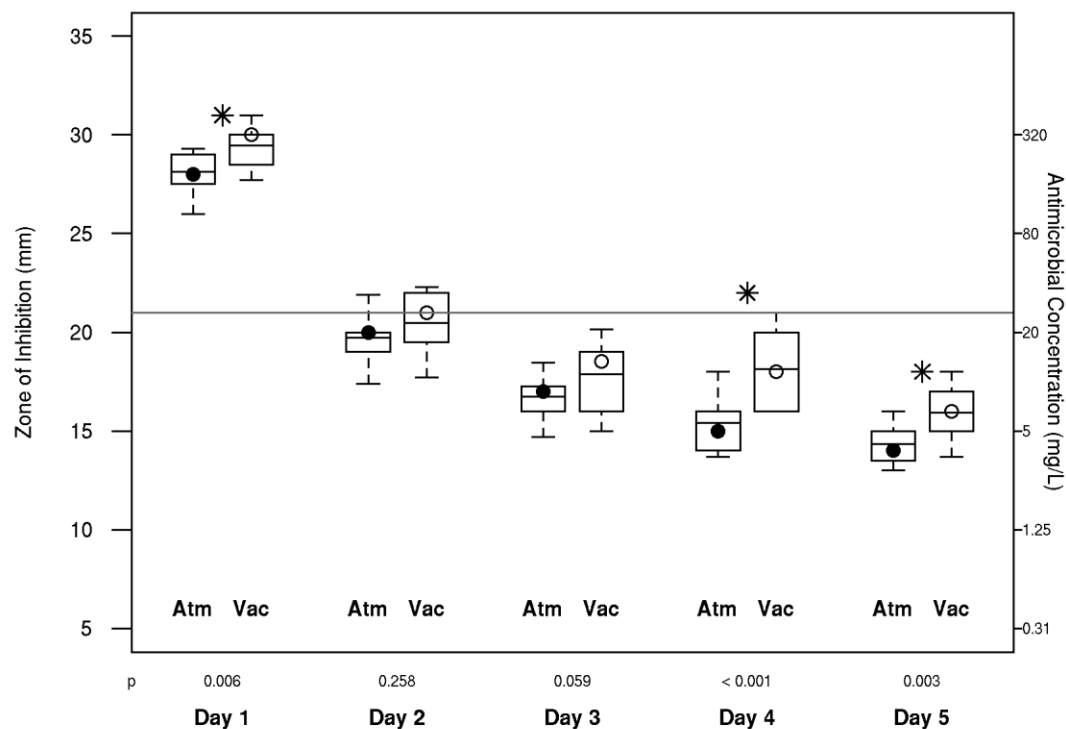


Fig. E-4

Average zone of bacterial growth inhibition (left) and antimicrobial concentration (right) for atmospheric (Atm; solid circles) and vacuum-mixed (Vac; open circles) Simplex P with Tobramycin. The horizontal line represents the 32-mg/L susceptibility threshold. *The difference was significant. The boxes represent the first and third quartiles, the horizontal lines within the boxes represent the median, and the I-bars represent the 5th and 95th percentiles of the data.

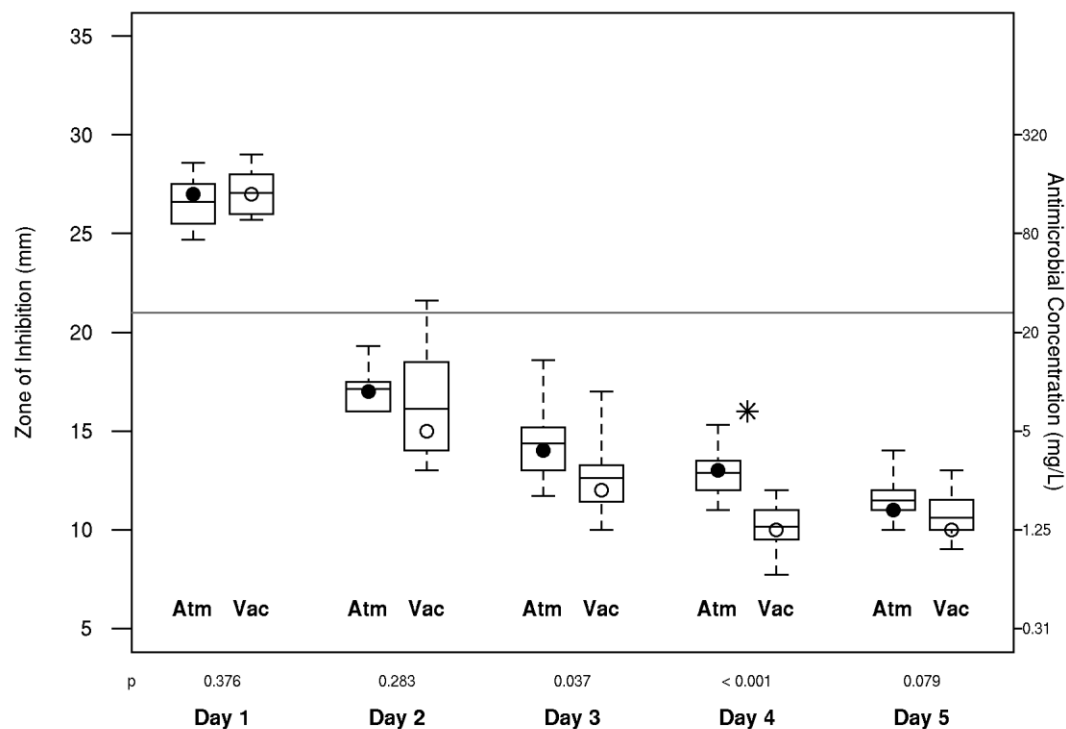


Fig. E-5

Average zone of bacterial growth inhibition (left) and antimicrobial concentration (right) for atmospheric (Atm; solid circles) and vacuum-mixed (Vac; open circles) SmartSet GMV. The horizontal line represents the 32-mg/L susceptibility threshold. *The difference was significant. The boxes represent the first and third quartiles, the horizontal lines within the boxes represent the median, and the I-bars represent the 5th and 95th percentiles of the data.

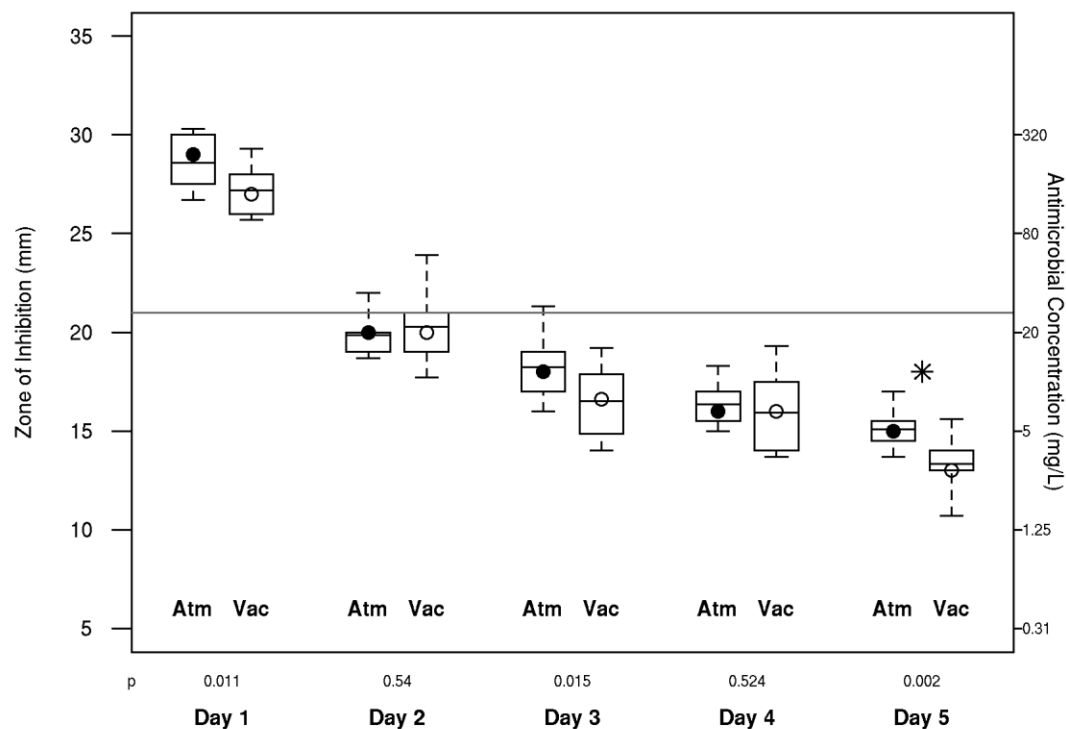


Fig. E-6

Average zone of bacterial growth inhibition (left) and antimicrobial concentration (right) for atmospheric (Atm; solid circles) and vacuum-mixed (Vac; open circles) VersaBond AB. The horizontal line represents the 32-mg/L susceptibility threshold. *The difference was significant. The boxes represent the first and third quartiles, the horizontal lines within the boxes represent the median, and the I-bars represent the 5th and 95th percentiles of the data.