

## Study 31b

### Laboratory Summary

A laboratory study was conducted using adult bed bugs from one strain moderately resistant to pyrethroids. The bed bugs (10 large nymphs and 10 adult males) were confined to each of 4 types of 24 hours old treated substrates: fabric, unpainted wood, painted wood, and vinyl, for 4 hours.

Exposure times of 5 min, 4 h, and 24 h were also evaluated to vinyl treated panels that were aged

Phantom<sup>®</sup> Pressurized Insecticide caused equal to or greater than 71% mortality regardless of the substrate. Exposure time of 4 hours produced mortality similar to the 24 hour exposure and mortality recorded 7 or 15 days after exposure was very similar.