



Q1. What does the 'HE' in Termidor HE stands for?

The 'HE' in Termidor HE stands for 'High Efficiency'.

Q2. What are the main benefits of Termidor HE to a Termite Pest Professional?

- Reduced trenching by an average of 30% less
- Fewer than half the number of drill holes through concrete
- More uniform and stable treated zone
- Reduced water usage during application
- Termidor HE can be used in conjunction with Trelona ATBS

Q3. What is the main difference between Termidor HE and other fipronil termiticides?

Termidor HE is the only Termiticide that contains BASF's Advanced Polymer Technology (APT). This technology allows the active ingredient to travel further in the soil (vertically and horizontally) to create a more uniform treated zone by enhancing the transport of the active ingredient during the product application.

Q4. How does the Advanced Polymer Technology (APT) work?

The APT forms a protective cocoon around the Fipronil molecule, which helps it penetrate further and more evenly through the soil, and once it is in place the cocoon dissolves and the Termidor binds strongly to the soil to form a more extensive and uniform treated zone.

Q5. When using Termidor HE, will I require more of the mixed emulsion than a non-polymer Fipronil to treat a property?

No. Termidor HE has a mixed rate of 625ml per 100L with an active ingredient concentration of 0.06% and labelled application of 100L per 1m³ when trenching, and 200L per 1m³ when rodding through concrete. Although the application of Termidor HE is different (i.e. shallower trenches and larger volumes per hole for the wider spacings when rodding through concrete), the overall mixed emulsion required is exactly the same.

Q6. What is the period of protection for Termidor HE?

Data currently indicates that Termidor HE will be effective against subterranean termites for a period of eight years.

Q7. Is Termidor HE the only termiticide that allows for reduced trench depths.

Yes. Termidor HE has increased soil mobility properties, the bottom 100mm of the treated zone can remain unexcavated, in practical terms digging down to 50mm above the footing. This is because the APT in Termidor HE will penetrate through the soil at least 100mm to extend the treated zone to 50mm below the top of the footing, as required by the label and Australian Standard 3660. An application has also been submitted to the APVMA to extend this to 150mm, this is anticipated to be updated later in 2023.

Q8. What is the hole spacing when rodding through concrete using Termidor HE?

Depending on the soil type the spacings are up to 350mm in clay soils and up to 450mm for other soils.

Q9. Ultrathor X and Fipforce HP have increased hole spacings – are they the same as Termidor HE?

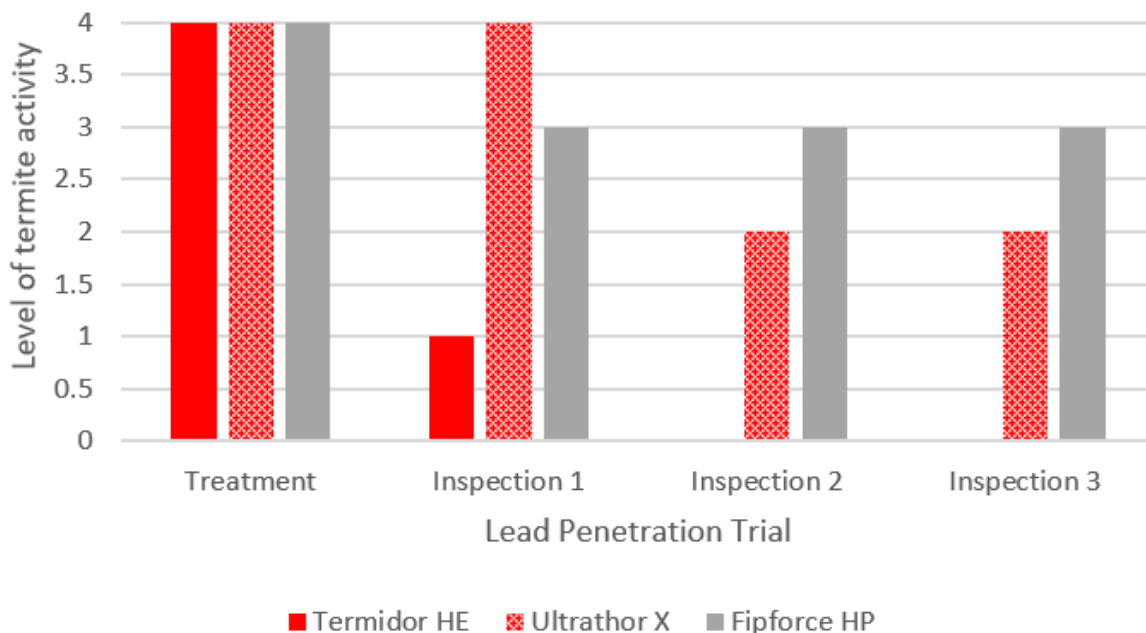
No. Both termiticides use their existing non-polymer fipronil formulation and have argued that movement to further spacings is possible, through the presentation of some undisclosed data. BASF have extensively tested a range of non-polymer fipronil formulations and our data clearly demonstrates that these non-polymer fipronil formulations cannot move through the soil, to these extended distances at the concentrations required to meet the Australian Standard.

Q10. Are water rates the same for all termiticides?

No. Non-polymer termiticides can be applied at a reduced water rate of no more than 70L/m³. Termidor HE is unique in that the water rate can be applied at 50L/m³, the APT is able to work efficiently in the delivery of the molecule at these reduced water volumes.

Q11. Can all termiticides penetrate subterranean termite leads?

No. Non-polymer termiticides have shown that the Fipronil molecule will bind to the outside of subterranean termite leads, and unable to penetrate though into the lead. Trials comparing the effectiveness of lead penetration in soil have shown that Termidor HE's formulation with APT was able to move through the lead to deliver Termidor HE directly onto active termites – controlling termites without use of a stage 1 treatment or cutting of the leads.



The graph above demonstrates that both Ultrathor X and Fipforce HP do not penetrate subterranean termite leads and therefore do not act to control termites already in the structure treated.

Q12. How does the 'Efficiency' benefit a Termite Pest Professional?

- Less labour required during application
- Lead penetration capabilities
- Reduce wear and tear on equipment
- Cost savings – consumables / labour

For more information on Termidor® High-Efficiency Termiticide, visit pest-control.basf.com.au or contact your local BASF representative on **1800 558 399**