



Installation Training

© For Decke Global Baiting Products

Decke

AUSTRALIAN PEST BAITING SOLUTIONS



ISO 9001
CERTIFIED
MANUFACTURING



BY DECKE GLOBAL INDIA- HEAD OFFICE TEAM

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Decke Baiting Product Installation Training

1. WHO IS DECKE

Decke is an Australian company and has been manufacturing and distributing termite baiting products since 2013. Decke was mostly into manufacture and export earlier but in 2017 and on demand of domestic customers, Decke started its Indian operations.

Decke's main pests of focus are

- Termites
- Ants
- Cockroaches (products coming soon)

2. DECKE PRODUCTS



3. HOW DO TERMITES AND ANTS OPERATE

Termites & Ants live and operate out of nests where a colony resides- headed by a Queen (or a King). Even though 1% of colonies may be above ground, 99% of termite

colonies are under ground. There are also small satellite colonies which are eventually linked to the colony underground- this is very important to understand.

The colony has 3 types of termites

S.No.	Termite Type	Properties
1	Alates	<ul style="list-style-type: none"> • Can reproduce • Are future kings and queens • When the queen senses danger to the existence of the colony, the queen feeds the alates with a special diet so they can grow wings and leave the nest to form another colony
2	Soldiers	<ul style="list-style-type: none"> • Cannot reproduce • Guard the colony
3	Workers	<ul style="list-style-type: none"> • Cannot reproduce • Don't have eyes and follow their scent • Go fetch food for the colony • Don't eat food at source (cannot eat solids) • Bring food back to colony • When they find a food source, they signal other termites for source of food so others can also get it • Pass on food between each other to take food to the nest

The termite queen and king:

- Live in a royal chamber which is accessible by small number of soldiers. See picture below with less holes.
- In picture also see the cross section of the royal chamber where only the queen and king live.
- The queen is much larger than the king.
- Queen produces 25,000 eggs per day
- Queen and king live for 40-50 years





The all 3 types of termites live in a colony outside the royal chambers. See picture below with more holes.

- The colony mound/ house has large number holes for easy inlet and exit of termites.
- The workers bring the food to this colony house
- The food is passed on from termite to termite (mouth-mouth/ mouth-anus)
- The food is converted into a liquid
- This liquid is shared by all colony members
- The royal chamber is accessible via this mound but only a limited amount of trusted soldiers and alates can go to the royal chamber to take food for the queen and the king

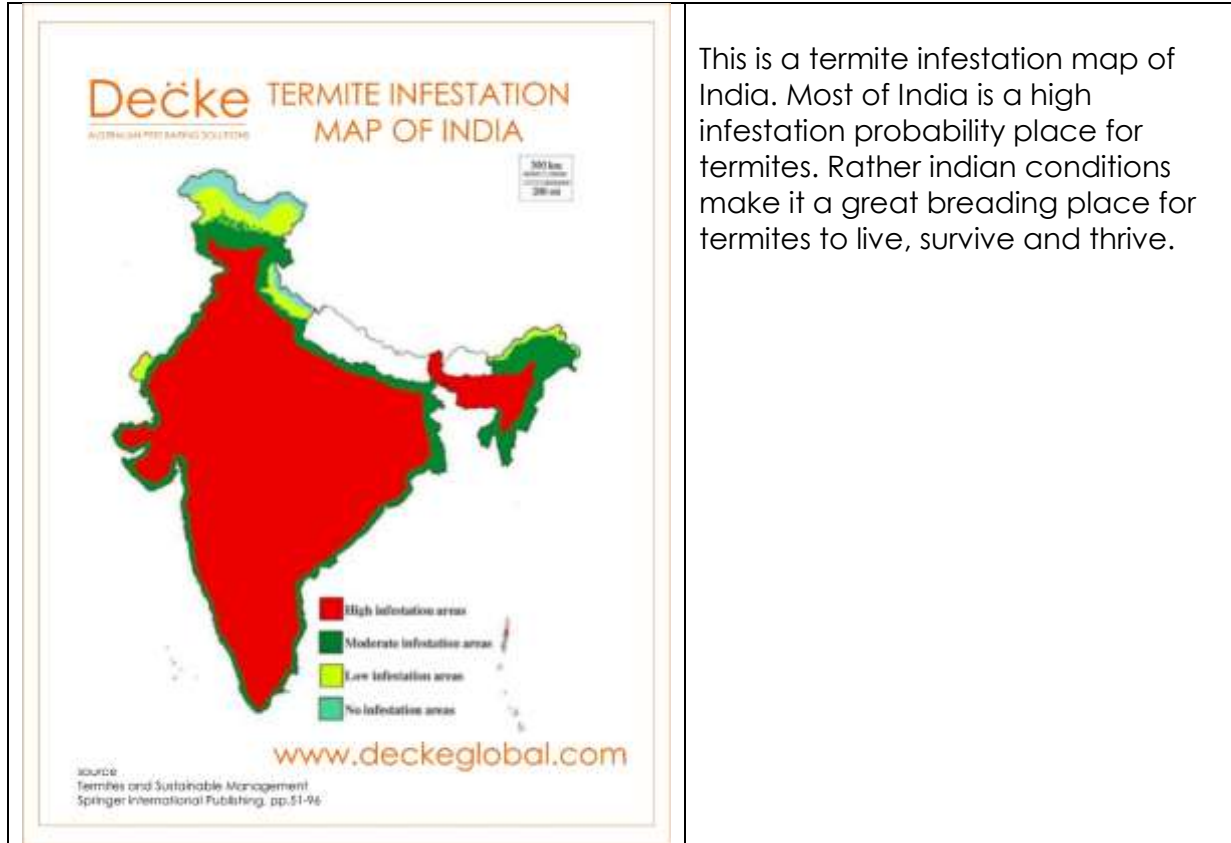


Ants operate on a similar food collation principle and similarly have a queen Ant that is the head of colony.

4. WHY DO TERMITES EAT WOOD

Termites don't want wood, they are only after starch. This is also the reason why you would see termite infestation on cardboard, paper and other starch based products.

The wood is converted to starch (sugar) by termites and this is their form of energy for living.



5. METHODS IN THE MARKET

S.No	Method	Mode of action	Effectiveness
1	Drill fill seal	Drilling corners and injecting chemicals	No scientific basis- based on probability. Ends up with major spills and wastage. Some termites that come in contact, may be killed. Nest is not effected.
2	Ground drenching	Repelling and killing the termites in	Environmental hazard Effects the ground water table. Harmful for humans, pets and plants Kills good pests also that come in contact Some termites that come in contact, may be killed. Nest is not effected.

3	Sprays	Kills termites that come in contact. Some may have repellent action also.	Spreads poison Harmful for humans, animals and plants Kills good pests also that come in contact Some termites that come in contact, may be killed. Nest is not effected.
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Most of the above mentioned methods are banned in other countries as they

- Contaminate water table, running water and air
- Contaminate environment on whole
- Spread poison to food sources
- Has a potential to spread cancer and liver diseases to human being
- Does not kill the source
- Is hazardous to useful pests, insects, plant and animals

6. WHAT IS BAITING

Baiting is not about killing the pest that you see but it is about attacking the nest. Remember that the nest is in the ground and has 25000 termites being produced each day, for life. Unless the nest is killed, the termite infestation will keep happening.

At Decke we feed the termites with a special form of cellulose bait which is more palatable to the termites than termites. In other words, we pre-extract the nutrients from wood and give them to termites so they can tell more and more termites and gather more and more food.

- Luring a pest with a lure (a favourite food – like cellulose for termites and sugar for ants).
- Once attracted, adding an extremely slow poison that can't be detected.
- Not killing the pest but encouraging the pest to take more and more food.
- Once a large number of pests are accumulated, adding a small quantity of active substance for the pest to take with them, without detection.
- Infiltrating the pest nest with the slow poison.
- Eliminating the nest – the root cause.

The Workers go out looking for food. Once they find food they encourage more and more workers to come and get food. Food is brought back to the nest by workers for processing and is shared by all members of the colony. Decke systematically administers a very small dose of an active substance which would eventually poison the next and eliminate it. This is called Baiting.

7. WHY SHOULD WE WAIT AND WHY CAN WE NOT ADD ACTIVE AT THE START?

In case of ants we can as they move in cluster and collect food together. So food with active will reach the ant nest hence baiting can be done at the start.

Termites move in different directions looking for food and announce the food source to other termites, when they find one. In case of termites it is important to remember that we need to wait before we add an active substance so more and more termites can hear about the source of food and gather around it. If the first few termites take the active substance and start to get infected in the next few days, other termites will become aware, kill that infected termite and abandon the food source.

8. WHERE ARE THE TERMITES COMING FROM?

The termites have 3 possible sources – all 3 enter the building via a small crack in the concrete or a plumbing leakage

S.No.	Type of colony	Mode of action
1	An underground colony outside the building	Most common Easy to treat Decke In Ground termite baiting station
2	An underground colony under the foundation of the building	Less common Harder to treat Decke On Ground termite baiting station
3	Satellite colony that is connected to the main underground colony	Less common Harder to treat Decke On Ground termite baiting station

9. USING THE 3 PRODUCTS

 <p>Decke AUSTRALIAN PEST BAITING SOLUTIONS</p> <p>TERMITE BAITING STATION IN GROUND</p> <p>10 STATION PACK WITH DECKE PEST ELIMINATION POWDER</p> <p>ISO 9001 CERTIFIED PARENT COMPANY</p>	 <p>Decke AUSTRALIAN PEST BAITING SOLUTIONS</p> <p>TERMITE BAITING STATION ON GROUND</p> <p>10 STATION PACK WITH DECKE PEST ELIMINATION POWDER</p> <p>ISO 9001 CERTIFIED PARENT COMPANY</p>
 <p>Decke AUSTRALIAN PEST BAITING SOLUTIONS</p> <p>ANT COFFIN ANT BAITING</p> <p>1 UNIT PACK WITH DECKE ANT ELIMINATION POWDER</p> <p>ISO 9001 CERTIFIED PARENT COMPANY</p>	<p>All products come in retail packaging and with the active substance included</p>

Recommended- See our YouTube video for installation Video link
<https://www.youtube.com/watch?v=Lz4btMATHCA>

All videos on Decke YouTube Channel

Other useful complimentary tools from Decke



Decke Auger Tool to dig precise holes without much effort. Has blades at the end and a barrel. Just rotate clockwise and the soil will keep getting accumulated in the special barrel above.



10. HOW TO ASSEMBLE THE DECKE IN GROUND TERMITE BAITING STATION

Take the barrel
Put on the donut cap
The wood stick and bait holder is pre-loaded
Place the bait station in the hole as per instructions below.





Decke Termite Attack System Set Up

1. Use the easy digging tool to make a hole in the ground.
2. Place the Decke Termite Attack Station in the hole.
3. Set up the station level with the ground.
4. Insert the termite bait and check periodically for infestation.
5. Add chemical and replace lid with red indicator lids when you see infestation.

To check for infestation, open the baiting station as per figure 4. If you find any termites, treat that baiting station. Remember that termites can come from anywhere, and mostly from the direction of the nest, so you will find termites in 2-3 baiting stations that are facing the nest. Not all baiting stations will be infested.

11. BAITING A BUILDING

Baiting is a 3 step process

1. Luring a pest with it's favourite food.
2. Encouraging more and more feeders to come to the food.
3. Introducing a small undetectable active substance that will eventually infiltrate the nest and eventually kill the main production unit in the nest- the queen.



1. Remember to ring fence the structure that needs protection
2. Place 2-3 ft from the foundation of building
3. Keep a gap of approximately 10 ft between the baiting stations
4. Before coming to your building, the termites come to the baiting stations. This is called luring a pest.



Check after 8-10 days for infestation. If you find live mud tunnels at the site, use the Decke On Ground Termite Baiting Stations (ahead) over it.

12. WHAT DOES THE INFESTATION LOOK LIKE?



Above is what the infested stick looks like.



Termites have eaten all the cellulose laden bait. 15 days after treatment there is no sign of termites.

13. ELIMINATING THE TERMITES

- Open the baiting station (as per picture 4 above)
- Below are pictures of how an infested station looks like
- Pull the bait holder stick out to check for infestation
- Mix the Termite elimination powder as per instructions on the pack
- Pour into the infested bait station
- Check after 7-15 days
- Add more bait till you see no more signs of termites



14. INSTALLING DECKE ON GROUND TERMITE BAITING STATION

The Decke On Ground termite Baiting Station is the only sure shot way to get rid of termites in your home. The on ground baiting stations can pick up any infestation that come from outside the dwelling boundary but picking up termites that live under the ground is extremely hard. The termites eventually find via concrete cracks or where the concrete meets the pipes/ electrical conduits and present themselves. When they do present themselves, they need to be treated effectively. Decke On Ground Baiting Station are also the only way of eliminating the colony that may be formed under the foundation of your dwelling.

Open the pack



This is how the box looks like when you open it (10 station kit)

Open the plastic pack and remove the lid- you can see the cellulose inside it

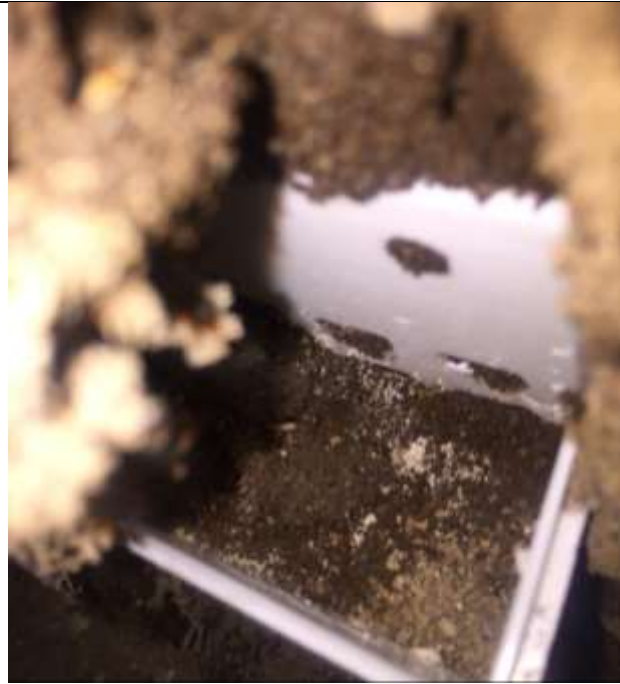


Place the baiting station over any visible termite infestation



If you initially saw live termite activity around the station, check for termite activity after 3-5 days. If there were signs of termite activity but no live termites, you can check the station after 8-10 days. Open the lid and this is how the infestation would look like.





Use the Decke Pest Elimination Powder as directed on the bottle and add to the infested station. Add cellulose bait as per instructions. Check after 2-3 days. If the white cellulose bait has been eaten and there is no termite activity, most likely the source of infestation, the termite nest, has been eliminated.

15. USING THE ANT COFFINS



Open the pack	
Open the top transparent lid and take out the bait bottle	
Add some water to the bait bottle	
Pour it in the bait tray	
Ants come to the sugar laced bait and start taking the active ingredient to their nest. The nest is eliminated.	

Activity: Live installation.

Video links: Search Decke Termite baiting stations on YouTube to look at our videos

Version Control

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