KINGKRETE®
We Create Future

KingTermicide® 50

One-component anti-termite concentrate based on solvent and inorganic boric salts, diluted 1:80 to 1:90 with water on site.

DESCRIPTION

KingTermicide 50 is a liquid anti-termite treatment for the soil in and around buildings. Diluted with water, it forms a chemical barrier in the soil at foundation and plinth level, around the building and along the junction of walls and floors, so that termites cannot reach the structure. It is used before construction and to treat existing buildings.

WHY TERMITE PROTECTION

Termites are among the most damaging pests in buildings, particularly in warm climates. They feed on cellulose: timber, plywood, paper, cloth and bamboo. Subterranean termites nest in the soil, enter a building through its foundations and travel through tiny mud tunnels in walls and floors, weakening timber and finishes over time. A treated soil barrier is the most effective way to keep them out.

USES

- Pre-construction treatment of foundation trenches, column pits and basements
- Treatment of the backfill against foundations and walls
- Treatment of the filled soil at plinth level before the floor sub-base is laid
- Treatment of the soil around pipes, conduits and other services entering the building
- Post-construction treatment of existing buildings at the junction of walls and floors
- Anti-termite treatment of timber structures and wood

ADVANTAGES

- Ready to dilute on site: 1 liter makes 80 to 90 liters of emulsion
- Mixes readily with water to a stable emulsion
- Forms a continuous barrier between the soil and the building
- Suitable for new construction and existing buildings

DILUTION AND COVERAGE

Pack	Water to add	Emulsion made
1 liter	80 to 90 liters	about 81 to 91 liters
5 liters	400 to 450 liters	about 405 to 455 liters

At 5 L/m², 1 liter of KingTermicide 50 treats about 16 to 18 m² of horizontal surface; at 7.5 L/m², about 11 to 12 m². Allow for losses and uneven ground when estimating quantities.

TECHNICAL PROPERTIES

@ 25°C

Appearance	Light golden shade
Form	Liquid
Density	0.99
pH	9
Flammability	Non-flammable
Dilution with water	1 : 80 to 1 : 90 by volume

APPLICATION RATES

Where	Emulsion
Bottom and sides of foundation trenches, column pits and basements (sides to 300 mm)	5 L/m²
Backfill against foundations and walls (vertical surfaces)	7.5 L/m²
Top surface of filled plinth soil	5 L/m²
Junction of walls and floors, existing buildings	10 L/m²

METHOD OF USE

Mixing

Pour KingTermicide 50 into clean water at 1 : 80 to 1 : 90 by volume and stir thoroughly to a uniform emulsion. Mix only what will be used the same day.

Foundation level

Spray the bottom and sides of trenches, column pits and basements evenly at the rates above. As the backfill is placed against the foundations and walls, treat it layer by layer.

Plinth level

Level and compact the filled soil. In compacted soil, make holes 50 to 75 mm deep at 150 mm centres so the emulsion soaks in, then treat the whole surface before the sub-base is laid. Treat the soil 150 mm around pipes and conduits entering the building.

Existing buildings

Drill holes of 10 to 12 mm diameter at the junction of the wall and the floor, at least 150 mm deep and 250 to 300 mm apart, and inject the emulsion through them. Where termites are present, first remove the mud tunnels with a scraper and spray the affected area. Repeat at least 5 to 6 times, at intervals of 5 to 6 days, then seal the holes.

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PRECAUTIONS

- Do not apply in rain or on waterlogged soil; let surface water drain away first.
- Keep the concentrate and the emulsion away from wells, water tanks, drains and watercourses.
- Do not disturb the treated soil. If it is disturbed, treat it again before building over it.
- Lay the sub-base over treated plinth soil as soon as the emulsion has soaked in.
- Keep people and animals away from treated areas until dry, and cover food and drinking water.

CLEANING

Clean tools with thinner immediately after use.

PACKAGING

KingTermicide 50 is available in 1 liter and 5 liter packs.

STORAGE

Shelf life is 1 year when stored under cover, out of direct sunlight and protected from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice, consult the KingKrete Technical Services Department.

HEALTH AND SAFETY

As with all chemical products, avoid contact with the eyes, mouth and skin and keep away from foodstuffs. Wear gloves and eye protection when handling the concentrate. Treat any splashes to the eyes and skin immediately and, if accidentally ingested, seek immediate medical attention. Reseal containers after use. Use in well-ventilated areas and avoid inhalation.

NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local KingKrete representative. KingKrete Inc. reserves the right to have the true cause of any difficulty determined by accepted test methods.

QUALITY AND CARE

All products originating from KingKrete's Middle East facility are manufactured under a management system independently certified to conform to the requirements of the quality standards ISO 9001, ISO 14001 and ISO 45001.

* Properties listed are based on laboratory-controlled tests.
® = Registered trademark of the KingKrete-Group in many countries.

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STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this KingKrete Inc. publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by KingKrete Inc. either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not KingKrete Inc. are responsible for carrying out procedures appropriate to a specific application.

KingKrete Middle East
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