

**Don't wait till your precious possessions turn into **RUIN****

**Protect your home & woodwork  
against destructive Termites & Borers**



IS 8944 : 2005



CM/L 9529089

**Durmet TC is recommended by BIS For Pre-Construction & Post-Construction treatment**



FMC Corporation, since its inception in 1883, is known for its rich heritage of serving the Agriculture, Consumer and Industrial markets globally with quality products and innovative solutions. FMC Corporation is a diversified and leading chemical company operating in three broad markets:

- Agricultural Products
- Specialty Chemicals
- Industrial Chemicals

Headquartered in Philadelphia USA, FMC employs over 5000 talented employees in over 40 countries who create a rich pipeline of proprietary products to serve our customers.

FMC Specialty Products serve as the first line of defense against pests that attack important sources of food, destroy shelter or diminish the quality of human life in more than 80 countries across the globe. We combine state-of-the-art facilities with technical expertise to create innovations for professional and specialized pest control situations.



FMC, The Global Leader in Termiticides relaunches power brand Durmet TC containing Chlorpyrifos which has been known for its effective control against termites since decades.

**Dosage:** Durmet TC (Chlorpyrifos 20% EC) shall be applied at 1% a.i. concentration i.e. mix 1 L of Durmet TC in 19 Liters of water to prepare desired solution

## PRE CONSTRUCTION

### Anti Termite Treatment- As per IS:6313-II

#### Consolidated Procedure for RCC Foundation

Durmet TC treatment should start from a depth of 500 mm below ground level. If the ground level is raised or lowered then depth of 500 mm should be determined from new soil level. The stages of treatment are:

##### **Stage I:**

Vertical surface of foundation to be treated with Durmet TC emulsion @ 7.5 L/m<sup>2</sup>.

##### **Stage II:**

Top Surface of consolidated earth within plinth to be treated with Durmet TC emulsion @ 5 L/m<sup>2</sup>.

##### **Stage III:**

Treat junction of wall & floor with Durmet TC emulsion @ 5 L/m<sup>2</sup>.

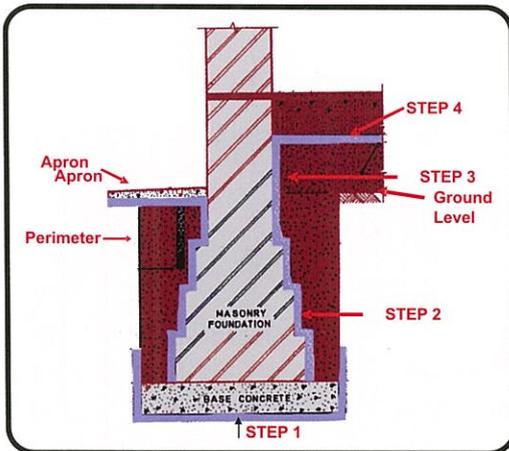
#### Consolidated Procedure for Masonry Foundation

##### **Stage I: Bottom & side of trenches**

Treat Surface & sides of excavation up to height of 300mm made from masonry foundation & basement with Durmet TC emulsion @ 5 L/m<sup>2</sup>.

## Stage II: Backfill in immediate contact of the wall

Treat the backfill in immediate contact with the foundation with Durmet TC emulsion @ 7.5 L/m<sup>2</sup> of the vertical surface of the sub structure for each side.



◀ Treat perimeter of the Building @ 7.5 L / m<sup>2</sup> and soil below the Apron @ 5 L / m<sup>2</sup>

## Stage III : Top surface of Plinth Filling

Treat the top surface of the consolidated earth within plinth wall with Durmet TC emulsion @ 5L/m<sup>2</sup> of the surface before the sand bed or sub grade is laid.

## Stage IV : Junction of wall & floor

Treat the junction of wall & floor on inner wall surface from ground level with Durmet TC emulsion @ 7.5 L/m<sup>2</sup> of the vertical wall or column surface.

# POST CONSTRUCTION

## Anti Termite Treatment- As per IS:6313-II

### External Treatment

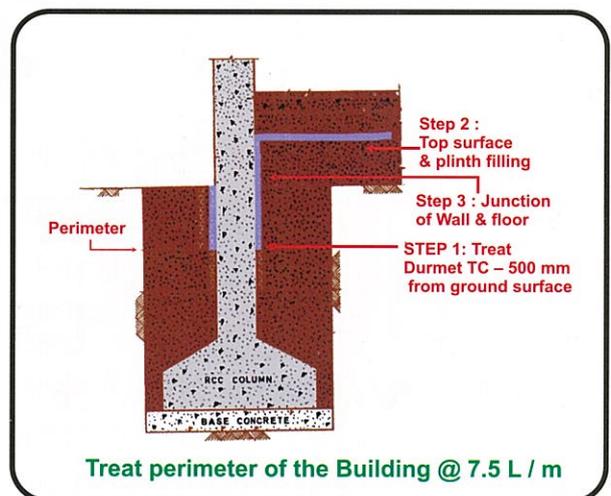
#### For Masonry Foundation

Soil in contact with external wall of building shall be treated @ 7.5 L / m<sup>2</sup> of the vertical Surface of sub-structure to a depth of 300 mm. To facilitate this shallow channel needs to be excavated along the wall & treated @ 1.75 L/running meter. Rodding with 12 mm. diameter at 150 mm apart shall be done for uniform dispersal of emulsion to the depth of 300 mm from ground level. Balance 0.5 L to be used to treat refill earth.

For concrete or masonry apron around the building drill 12 mm diameter holes as close as possible to the plinth wall at 300 mm apart & pump emulsion into these holes to soak the soil below @ 2.25 L / linear meter.

#### For RCC Foundation

Treat the back fill earth in contact with column sides & plinth beams along external perimeter @ 7.5 L / m<sup>2</sup> of the vertical surface of the structure. To facilitate this excavate trenches equal to the width of a shovel exposing sides of the column & plinth beams up to a depth of 300 mm or up to bottom of the plinth beam if this level is less than 300 mm. The chemical emulsion shall be sprayed on the backfill earth as it is returned into the trench directing the spray against the concrete surface of the beam of column.



Treat perimeter of the Building @ 7.5 L / m<sup>2</sup>

## For concrete or masonry apron around the building

Drill approximately 12 mm diameter holes close to plinth wall about 300 mm apart, deep enough to reach soil below & emulsion is pumped into these holes to soak the soil below @ 2.25 L/linear meter.

## Internal Treatment

### Treatment of soil under floors

The points where termites are likely to seek entry through the floor are the cracks at following locations.

- a. At the junction of wall & floor as a result of shrinkage of the concrete
- b. On the floor surface owing to construction defects
- c. At construction joints in a concrete floor , cast in sections
- d. Expansion joint in the floor

Treatment to be done within the plinth area by drilling vertically 12 mm holes 300 mm apart at the junction of walls & floors, constructional and expansion joints & emulsion is squirted @ 1L/hole using hand operated pump till refusal and the holes sealed properly.

### Treatment of soil under floors

Drill holes in the masonry wall at the plinth level from both sides downward angle of 45 degrees preferably at 300 mm intervals, squirt emulsion through these holes till refusal to soak the masonry using hand operated pump. The treatment shall be extended to internal walls , wall corners & where door and window frames are embedded in masonry.

### Treatment at points of contact of woodwork

All existing woodwork in building in contact with floor has to be treated by drilling 6 mm holes at the downward angle of 45 degrees at the junction of woodwork & masonry & squirting emulsion into these holes till refusal.

### Treatment of woodwork

Infested woodwork shall be provided with protective treatment by drilling holes of 3 mm diameter with a downward slant. These holes should be at least 150 mm center to center & should cover entire wooden framework & Durmet emulsion shall be liberally infused into these holes.

The new timber should be dipped overnight with water emulsion or liberally brushed at least twice with oil/kerosene based emulsion.



# FMC

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we cannot assume any responsibility other uniform quality of the product