polyguard
CONSTRUCTION

ARCHITECTURE

TRM Particle Barrier

PRODUCT OVERVIEW

TRM Particle Barrier can protect several points on the structure from termite entry. Two of thes are the exposed concrete perimeter and bath traps. The use of particle barriers to block termite entry has been known since the 1950's. The concept was field tested by Eberling, University of California at Berkeley, in 1956. Significant development work was done by Yamamoto, University of Hawaii in the 1980's.

TRM Particle Barrier consists of sub angular or angular quartz particulates with mesh sizes between 8 and 16. These sizes are shown to block both the Formosan and the native American species. In the mainland U.S., extensive work on particle barriers has been done at the University of Florida and Texas A&M University.

- Termite exclusion product at only 4" in depth and width needed.
- Reduces the quantity of termiticides needed during the life of the structure.
- Proven technology since 1950s in Hawaii, Australia, and around the Pacific Rim.
- Made from quartz particulates exactly sized (8 - 16 mesh), shaped, weighted to prevent subterranean termites from passing through.
- Most common applications are around exposed vertical concrete slabs, concrete piers, and filling bath traps or other concrete leave-outs.
- When properly installed and maintained, provides 100% efficacy.
- Maintenance is required after installation, as product needs to be visually inspected for any disruptions or voids.
- Pesticide free and safe around pets, children, etc.

Property	Test Method	Typical Value
Fineness Modulus	-	3.83
Minimum % Retained of Sieve Size 8 - 14	ASTM D 451	90%
% of Void Space (calculated using water displacement)	-	1.72%
Hardness	Mohs Hardness Scale	> 6
Angularity	Grading	Angular or Subangular

Companion Products

TRM Sealant

TRM Micromesh

REV121624

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