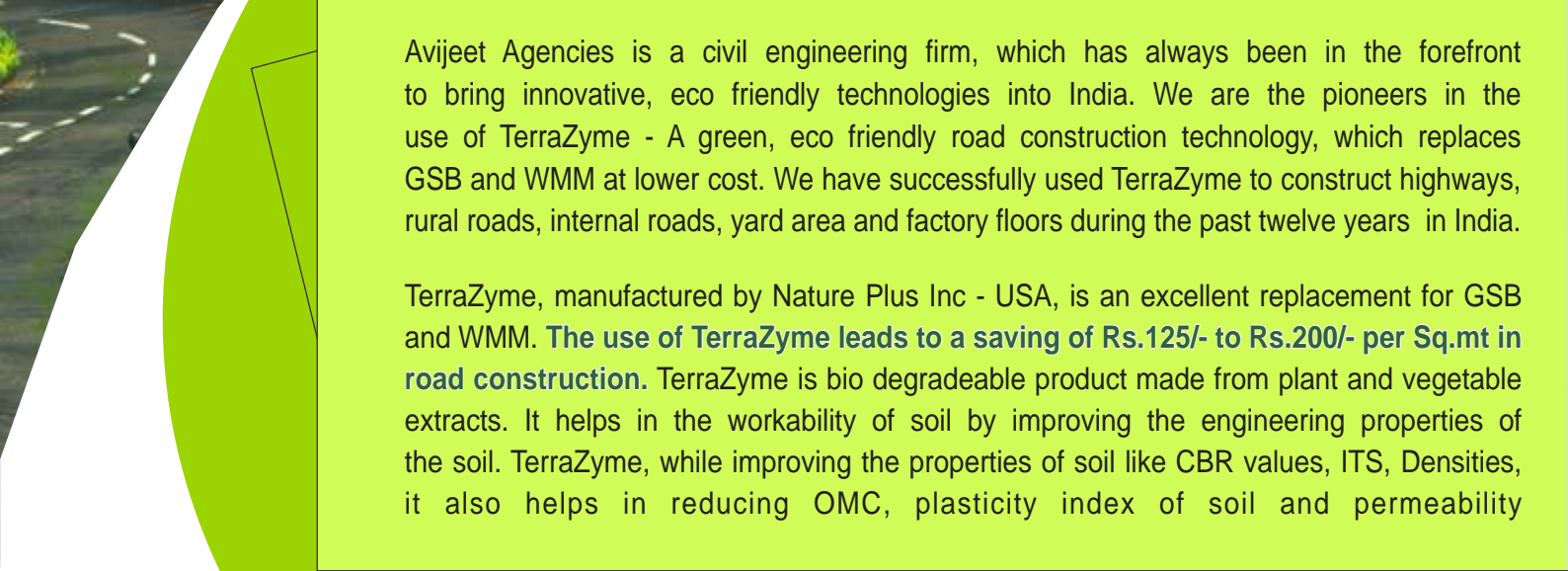




Avijeet Agencies P.Ltd

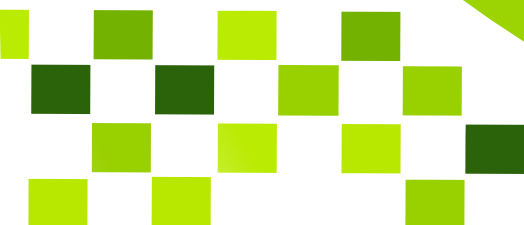
Making ways for better days...



TerraZyme - A cheap eco friendly alternate of GSB and WMM for roads

Avijeet Agencies is a civil engineering firm, which has always been in the forefront to bring innovative, eco friendly technologies into India. We are the pioneers in the use of TerraZyme - A green, eco friendly road construction technology, which replaces GSB and WMM at lower cost. We have successfully used TerraZyme to construct highways, rural roads, internal roads, yard area and factory floors during the past twelve years in India.

TerraZyme, manufactured by Nature Plus Inc - USA, is an excellent replacement for GSB and WMM. **The use of TerraZyme leads to a saving of Rs.125/- to Rs.200/- per Sq.mt in road construction.** TerraZyme is bio degradable product made from plant and vegetable extracts. It helps in the workability of soil by improving the engineering properties of the soil. TerraZyme, while improving the properties of soil like CBR values, ITS, Densities, it also helps in reducing OMC, plasticity index of soil and permeability





Advantages

The main feature of TerraZyme is the cost saving aspect. TerraZyme saves cost upto 40% in comparison to conventional system of road construction. Maintenance cost of roads is reduced by 75%

- Cuts construction cost by 10%-40%
- Higher CBR value / higher road strength: TerraZyme base structures have a higher CBR value.
- Lowers the maintenance cost by 30-50%.
- Saves construction time by 50%
- The life-cycle of TerraZyme treated roads increase by 200–300%.
- Pavement thickness is reduced by 30-50%, being semi rigid in nature.
- Environment friendly and bio-degradable product.

Uses of TerraZyme

TerraZyme can used anywhere where GSB and WMM are used in construction as it replaces them.

Highways	Factory roads	Subgrade improvements
All weather rural roads	Parking Lots and Yard area	Floor bases
Internal roads in townships	Sealing of ponds, landfills	Road shoulders
Service roads	Temporary access roads	Construction roads

Successful Testing Of TerraZyme in India


We have been working with all reputed institutes across India for the past twelve years. We have listed out the major ones below

Central Road Research Institute (CRR I)- Delhi
IIT Roorkee
University Of Bangalore - Pavement Engineering Lab
University of Bangalore - Soil Mechanics Lab
NITK - Suratkal
Anna Univeristy - Chennai
SASTRA - Tanjore

Indian Clients and Referrals

We are proud to state that TerraZyme has been used across India, on various different soil, climatic and traffic conditions. In every project TerraZyme has proved that its cheaper than conventional methods and long lasting with lower maintenance cycle.

NH-66 , NH Department (Chennai circle)	Wipro Ltd	Triton Valves
NH4A, NH Department (Goa)	Sobha Developers	Mantri Developers
Semac Potential Consultants	Rico Auto India Ltd	Orchid Health Care
Panvel rural road	Tata Housing	ASI, HAMPI
Orissa rural road	Hiranadani Constructions	Mott Mac India



Application Procedure



1) Scarifying the surface



2) Adding TerraZyme to water tank



3) Spraying the TerraZyme



4) Mixing the TerraZyme



5) Templating and leveling



6) Compaction



7) Road ready to use

Roads Constructed in India



NH 66 - Tindivanam



NH 4A - Goa



Schwing Stetter Factory



Reitzel India Factory



Panvel Rural Road



Wipro Ltd



Orissa - DRDA Road



International Approvals

Pennsylvania Highway Department
Canadian PWD
Brazil Highway Department
Paraguay
Russia
Phillippines
Malaysia
Uganda
Equador
China
Japan
Honduras
USAID Projects
World Bank Approved

Contact Us

We deliver timely and professional support for any issue regarding the product TerraZyme. Please contact us at the below location or email us at info@avijeetagencies.com

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