

Fibrobase

Polymer Modified Cementitious Stabilizing Agent





Fibrobace Polymer Modified Cementitious Stabilizing Agent



What is Fibrobace ?

Fibrobace is a Polymer Modified Cementitious (PMC) Stabilizing Agent in powder form, which bind and strengthen in-situ soil materials, thus transform into structural component of pavement with improved load bearing capacity.

Fibrobace is a specially blended product, cater to all your requirement. Our engineers uphold our service philosophy of quality and performance by understand needs and priorities, analyzing your local site condition and constraints, as well as engineering parameters.

From there, we will provide our complete solution from material design, product formulation, pavement design, project execution, on site quality control and maintenance.

Superior Performance

By adjusting Fibrobace formula, almost all in-situ soil materials can be transformed into useful construction materials. Through physio-chemical reaction, soil properties can be improved, such as reduced plasticity index, lowered in-situ moisture content, increased maximum dry density. Thus resulting in better compaction, improved California Bearing Ratio (CBR), Unconfined Compressive Strength (UCS) and Modulus.

Before Stabilization

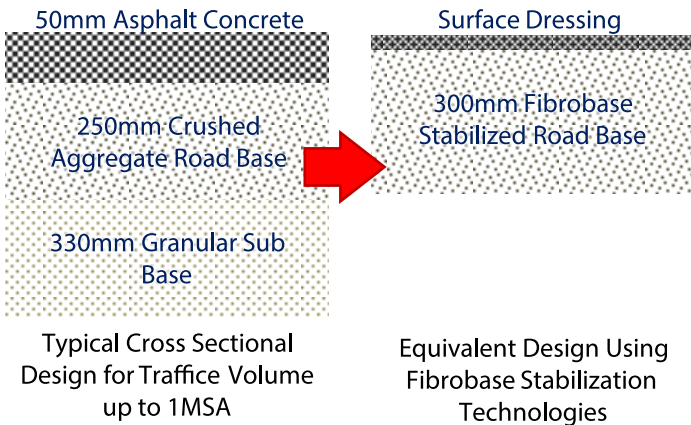


Soft and muddy condition – Difficult access

After Stabilization



All-weathered road with good accessibility



With better technical indices, stabilized layer possesses higher structural numbers and hence total pavement thickness required can be reduced and hence reducing total construction cost.

As such, the carbon foot print for road construction will also be greatly reduced, providing an environmentally and ecologically sustainable solution.



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Key Advantages of Fibrobase:

- Higher strength to meet for different requirement
- Form semi-rigid platform with lower permeability and longer durability
- Cost saving for both immediate construction cost and long term maintenance cost
- Most soils or construction wastes can be recycled and utilized
- Green and environmental friendly technology
- Simple and fast construction

Construction Procedure

In-Situ Stabilization



Step 1: Spreading



Step 2: In-situ Mixing



Step 3: Compaction

Chip Seal Surfacing



Step 1: Spraying Bitumen and Chipping



Step 2: Compaction



Chip Seal Surface Completed

COMPLETED PROJECTS



Rehabilitation of Jalan Paip Petalling Jaya



Upgrading of Farm Road, KETARA



Jalan Salleh, Klang



Upgrading of Rural Road, Kuching



Rehabilitation of Jalan Saga, Kuala Selangor



Construction of Plantation Access, Lundu

Effective, long lasting, environmental friendly

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