



Modified Cement Treated Base

Cement Treated Base

Cement Treated Base is a highly compacted mixture of aggregate, cement and water. It is widely used as a cost effective base material for public roads, residential streets, parking areas, airports, container yards and mining haul road. Its advantages of great strength and durability combine with effective cost to make it the outstanding value in this field. The other important advantages of Cement Treated Base is structurally not required a relatively thick bituminuous layer which is offer significantly reduces in cost.

Modified Cement Treated Base

The Modified Cement is a high quality binder produced specially to improve the properties of material and increase the strength significantly. Different to the ordinary portland cement, the modified cement can be applied for treating the material with minimum risk to crack.



**as strength as Cement Treated Base
but minimum risk to crack**

The advantages of Modified Cement Treated Base

- Reduces the pavement thickness by using strength properties of materials
- Reduce the moisture susceptibility of pavement layers
- Enable the use of marginal materials in pavement without reduce the quality of end product
- Structurally, Cement Treated Base is only require a thin bituminous surfacing of less then 5 cm or Chipseal
- Can be constructed much faster than conventional method
- Can carry medium to very heavy traffic loading

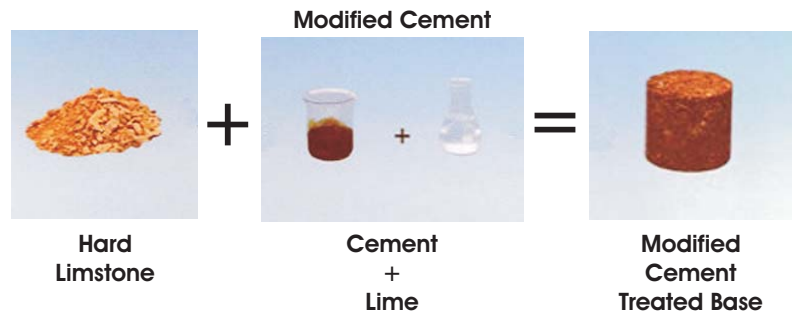
More than 160.000 km of road has been constructed using cement treated base in North America since 1935.

In Indonesia, PT Conbloc Infratecno has successefully constructed road using Cement Treated Base for more than 1.000 km.

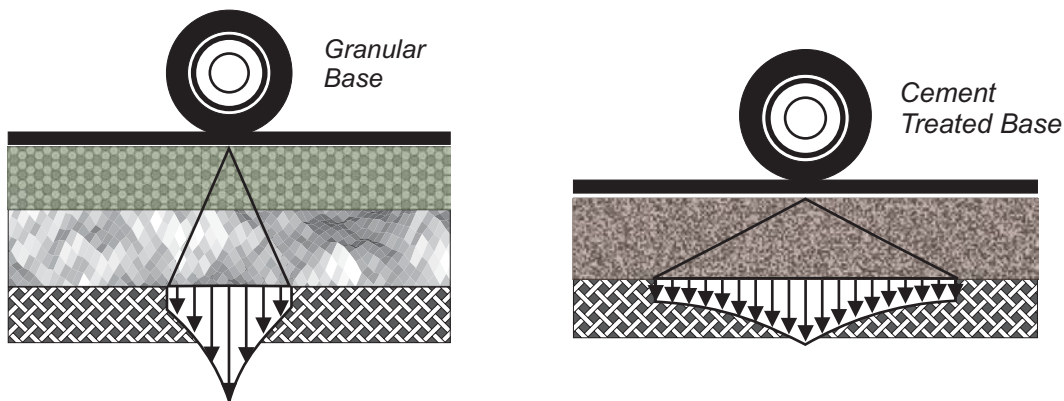
Most of road in medium to high class real estate in Jabotabek has been constructed using Cement Treated Base.

Construction method

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MODIFIED CEMENT provide improvement in mechanical properties and chemical bonding which is significantly increase the strength of the material with minimum risk of crack



In the Granular bases, load concentrates into a small area, making the pavement susceptible to rutting. Cement treated base act as a “slab” with enough rigidity and strength to spread loads over a large area of the subgrade and reduce the vertical tensile stress into a minimum level thus totally eliminate the rutting problem from the pavement.



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