

NIPPO's warm asphalt mixture

ECOFINE



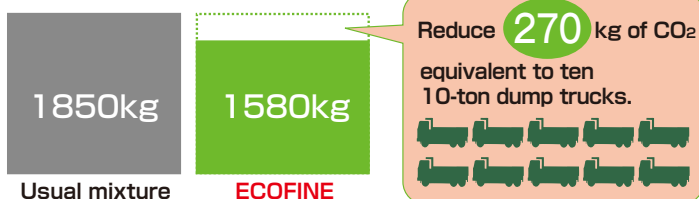
What is ECOFINE?

ECOFINE is a mixture made with the temperature reduced by about 30 °C from the asphalt mixture of its usual temperature. By reducing the fuel consumption at the time of mixture manufacturing, it enables the reduction of CO₂ emission by about 15%.



ECOFINE contributes to measures against global warming.

CO₂ emission per 100 tons of asphalt mixture.

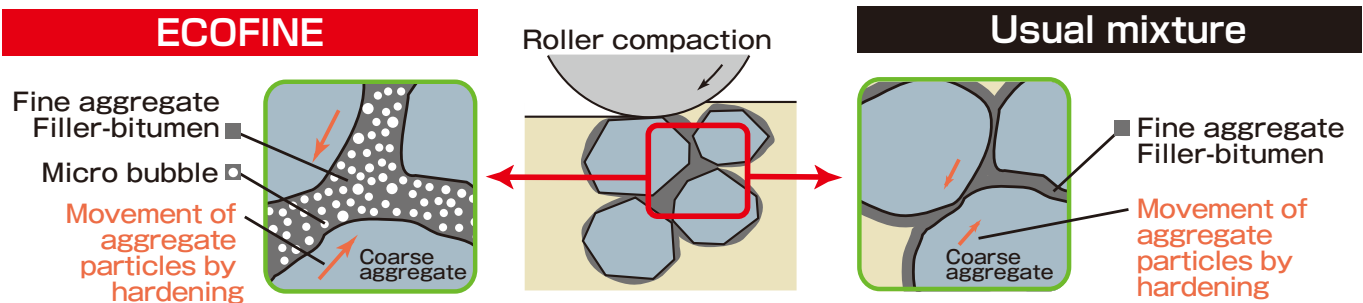


In terms of Japanese cedar tree, CO₂ reduction effect reaches the amount of **19** trees in one year.



※Specific procured item according to the Law on Promoting Green Purchasing.

Schematic of ECOFINE



ECOFINE is an asphalt mixture added by the special additive agent (form set) of a foaming system. By generating micro bubble in asphalt mortar, apparent asphalt content increases. Consequently, the mixture nature at the time of manufacturing and the hardening nature at the time of laying can be raised.



Asphalt containing a form set



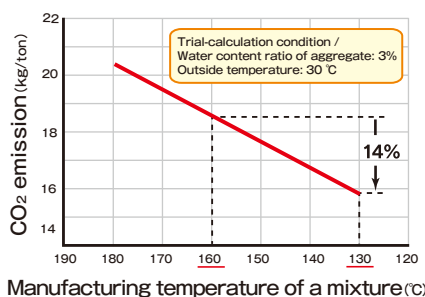
Usual asphalt

Features of ECOFINE

Contribution to low-carbon society

- Energy saving at the time of mixture manufacturing
- CO₂ emission reduction

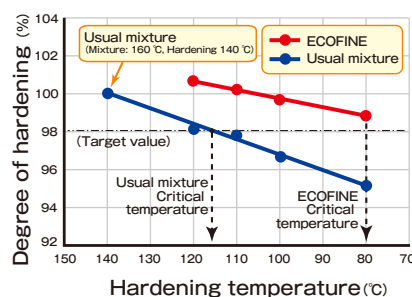
It can reduce CO₂ emission by 14% by the ability to decrease the manufacturing temperature of a mixture by 30 °C.



Improvement of construction quality in winter

- Ensuring quality
- Expansion of allowed time of paving

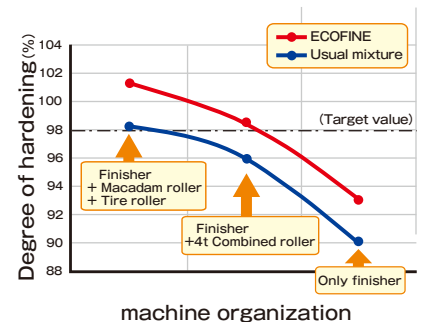
Even in the case compaction temperature is low in winter construction, it can secure the compaction temperature as expected.



Simplification of machine organization

- Energy saving and CO₂ emission reduction

The improvement of compaction feature of the mixture makes it possible gain the low energy compaction effect equivalent to the normal machine formation.



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