Mokulock

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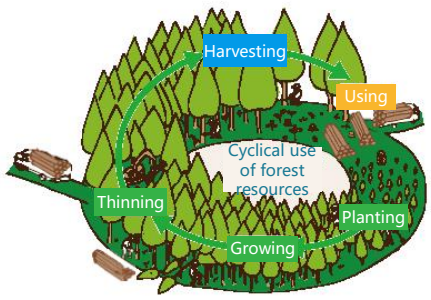
Wait—can thinned timber really reduce CO_2?

Eco-friendly Pavement Material Made from Thinned Timber

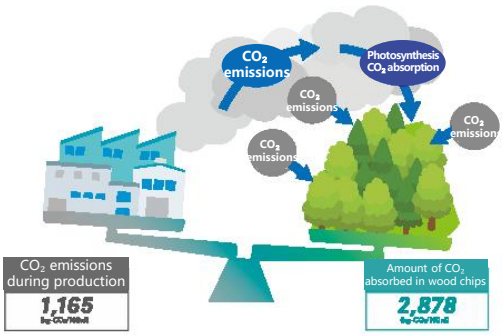
Mokulock

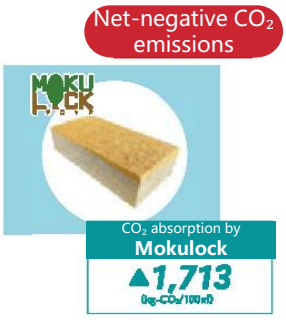
Let me explain.

Through photosynthesis during their growth, trees absorb CO_2 and store it as carbon within the wood. Mokulock, which utilizes thinned timber, is a product that can securely fix carbon within its blocks for long periods, thereby reducing carbon. At the same time, Mokulock promotes healthy forest growth, further enhancing the forest's capacity to absorb atmospheric CO_2.



Mokulock is a carbon-negative pavement material, which means the amount of CO_2 absorbed exceeds the emissions generated during production, achieving net-negative CO_2 emissions. It has attracted attention as a product that contributes to decarbonization.



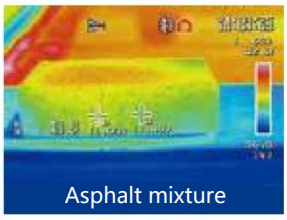


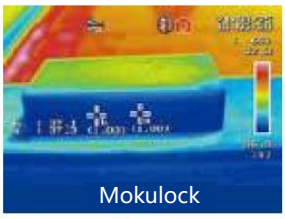
Furthermore...

Mokulock is made from thinned timber and leverages the properties of wood to help mitigate the urban heat island phenomenon.
It can contribute to improving the urban environment.

Mitigating the heat island phenomenon

Mokulock has low thermal conductivity and excellent insulation. It blocks heat at the surface, preventing it from penetrating the block, thereby helping to reduce temperature rise in summer.





Reducing the burden on pedestrians

Sidewalks can actually help achieve decarbonization!

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