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General

[Ir. Dr. Chin Siew Choo produces sustainable construction material OHE-Crete](#)

6 November 2020

A researcher from the Department of Civil Engineering, College of Engineering, Universiti
Siew Choo produced sustainable construction material, namely OHE-Crete.

According to the Negeri Sembilan-born, OHE- means green in the Hawaiian language.

“Therefore, OHE-Crete refers to green concrete that uses bamboo fibres to produce sustainable

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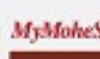
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Newsletter Image

Structural strengthening solution, to boost Malaysia bamboo plantation and industry.

POTENTIAL APPLICATION

- Floor, skirting and drying shrinkage control.
- BRG for floor slab and column structural element.
- Ground slab & wall to improve strength and reduce thickness.

NOVELTY

- Patent filing in progress, commercial demand is available.
- Developed a high quality and innovative green composite in structural strengthening.
- Transformed traditional application of bamboo towards a new modernized sustainable green strengthening solution.

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BENEFIT OF PRODUCT

- REDUCING & SUSTAINABLE RESOURCES
- HIGH QUALITY
- GREEN
- INNOVATIVE & SUSTAINABLE
- GREEN CONSTRUCTION SOLUTION
- HIGH STRENGTH
- HIGH DURABLE
- HIGH STRENGTH
- HIGH DURABLE

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Application for building and construction sector

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BAMBOO FIBER

SIMANTAN

BAMBOO SPECIES

Sustainable Build