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(57) Abstract :

The present invention relates to a process that can be utilized in a very simple and easy way for the production of durable, water, and heat and UV resistant, termite proof roofing and flooring tiles. The production can be carried out without using any machinery. The products derived out of this process has several uniqueness. It is low cost when compared to any other similar products available in the market. The products can be produced manually within a short span of time without much investment. It will create value-addition to the coconut leaves which would otherwise become wasted or used as firewood in the conventional 'Choolas' or Stoves. It becomes economically important to farmers for the construction of farm houses and for their roofing and flooring purposes in a cheaper way when compared to the present roofing materials such as Aluminium, Mild Steel and Poly Carbonate Sheets. It can also be used as partition walls and has low maintenance charges. No machine and special skill are required for the production process. It will provide more avenues of employment generation besides providing high unit value products from these indigenous materials.

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