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A METHOD OF PRODUCING A SANDWICH STRUCTURED COMPOSITE



▶ MORE INFORMATION

MEGA-TREND

- Chemicals and Materials
- Building Technologies

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 4 (Lab Prototype – Lab Testing)

PATENT/ GRANTED NUMBER

- UI 2015701253
- MY-174033-A

▶ TECHNOLOGY OVERVIEW

The present invention relates to a method of producing a sandwich structured composite, characterised by the steps of: joining a polyester sheet to a kenaf fibre sheet using an adhesive to produce a layered structure; cold pressing the layered structure at room temperature for forming a bond between the polyester sheet and the kenaf fibre sheet; and curing the layered structure at an elevated temperature to obtain the sandwich structured composite.

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