

A Review of Natural Fibre Composites for Automotive Interior Applications

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Abstract: *The auto industry uses natural fibers for interior panels to reduce carbon emissions, promote sustainability, and increase fuel economy. Global environmental issue: inside panel composite disposal. Unsustainable disposal of synthetic fiber and plastic interior panels is common. Panel removal frequently entails air-polluting burning. Natural fiber composites' automotive performance is examined here. This study examines natural fibers' mechanical qualities, endurance, moisture absorption, insect assaults, and fiber failure prevention. Natural fiber composites are biodegradable and simple to dispose of, making them promise for automobile use. Synthetic composites cost more than natural ones. Unfortunately, natural fibers absorb moisture and attract termites and fungi. To meet criteria, natural fibers need further study on bacterial resistance, moisture absorption, and durability.*

Keywords: Natural Fibre Composites, Automotive Interior Panels