

## **SEED-EMBEDDED TEXTILE: A PARADIGM SHIFT IN SUSTAINABLE FASHION FURNISHING**

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### **DESCRIPTION**

The innovative breakthrough known as the Seed-Embedded Textile (SET) breaks through the limitations of conventional fashion furnishing materials. It is an example of sustainable design, specifically adapted for the fashion furnishing industry, however it can also be used in more general fashion applications.

This innovative textile idea is a combination of jute, coco peat, and organically woven felt, incorporated into a multi-layered structure that acts as the substrate. The unique feature of SET is the use of locally native species seeds, a symbol of biodiversity in the area, woven into the fabric to evoke a balance between the design and the surrounding ecosystems.

Furthermore, the top layer, which is expertly constructed from muslin, is naturally coloured with environmentally friendly pigments sourced from plants. It is not just aesthetically pleasing. This methodical approach is consistent with the project's central idea, which is a commitment to sustainability across the whole production process.

SET's lifetime and design both contribute to its revolutionary power. As a cloth for fashion furnishings, it speaks to ecological conscience in addition to decorating rooms. After serving primarily as indoor decoration, SET decomposes into a biodegradable substance that blends in with its surroundings to promote development and the growth of new life. The purpose of this video presentation is to demonstrate the development and importance of SET in relation to fashion furnishing. Every component—from the selection of natural fibres to the incorporation of native seeds—tells a tale of environmentally responsible design and thoughtful design principles.

The SET represents a paradigm leap in fashion, even beyond its immediate application in furnishing. It denotes a shift in the design and materials used in the industry towards sustainable practises. Inspiring a global trend towards ecological fashion choices and ethical design practises, this talk intends to highlight the possible uses of SET in fashion furnishing and hint at its wider implications for sustainable fashion.

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