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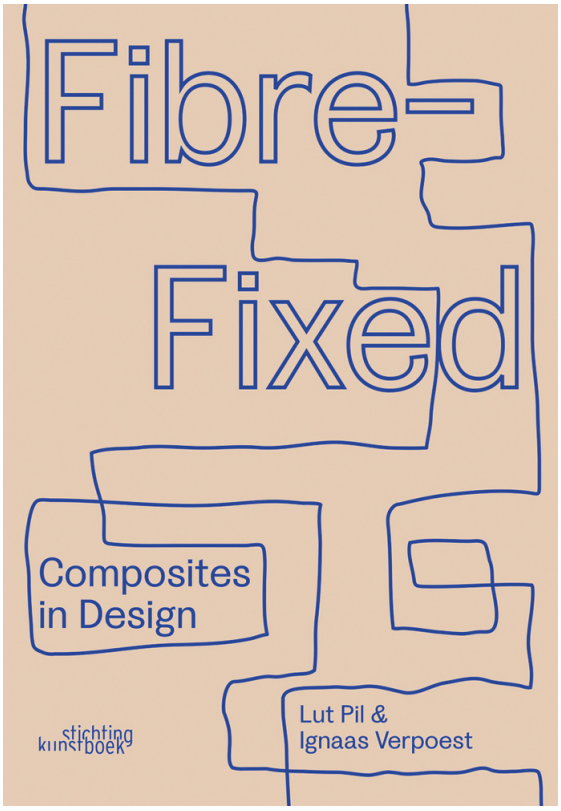

Fibre-Fixed

Composites in Design

L. Pil

ISBN	9789058566119
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- ***Fibre-Fixed. Composites in Design*** is a book about what can be achieved when tried and tested fibres are combined with other materials
- Sectors include mobility, sports, medical applications, energy supply, infrastructure, architecture and products for daily use

Fibre-Fixed. Composites in Design is a book about what can be achieved when tried and tested fibers are combined with other materials – often (bio) plastics – to create fiber reinforced composite materials. These fibers can be manifold: carbon, glass, a synthetic fibre or natural fibers such as flax, hemp, jute, ramie, silk… The strength and stiffness of these fibers, combined with the lightness of plastics, inspires designers to create lightweight, energy-efficient products. At the same time, the composite materials allow a great freedom of shape and design. Designing and using composite materials can be an answer to the social and ecological challenges today's society is facing. This book, edited by Lut Pil and Ignaas Verpoest, focuses on the results achieved in the past five years and looks ahead to some of the breakthroughs that are expected in the years to come. The projects presented in the book are diverse and come from different sectors such as mobility, sports, medical applications, energy supply, infrastructure, architecture and products for daily use. Text in English and Dutch.

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