

Accepted Manuscript

Surface Properties and fibre-matrix adhesion of man-made cellulose epoxy composites – influence on impact properties

A. Mader, A. Kondor, T. Schmid, R. Einsiedel, J. Müssig



PII: S0266-3538(15)30160-3

DOI: [10.1016/j.compscitech.2015.12.007](https://doi.org/10.1016/j.compscitech.2015.12.007)

Reference: CSTE 6273

To appear in: *Composites Science and Technology*

Received Date: 10 June 2015

Revised Date: 9 December 2015

Accepted Date: 14 December 2015

Please cite this article as: Mader A, Kondor A, Schmid T, Einsiedel R, Müssig J, Surface Properties and fibre-matrix adhesion of man-made cellulose epoxy composites – influence on impact properties, *Composites Science and Technology* (2016), doi: 10.1016/j.compscitech.2015.12.007.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 **Surface Properties and fibre-matrix adhesion of man-made**
2 **cellulose epoxy composites – influence on impact**
3 **properties**

4 Mader, A.^{1,4}, Kondor, A.², Schmid, T.², Einsiedel, R.³ & Müssig, J.^{1*}

5
6 ¹ Hochschule Bremen – HSB - City University of Applied Sciences, Faculty 5,
7 Biomimetics – The Biological Materials Group, Neustadtswall 30, 28199 Bremen,
8 Germany

9 ² Surface Measurement Systems (SMS), London, UK

10 ³ Cordenka GmbH GmbH & Co. KG, Industrie Center Obernburg, 63784 Obernburg,
11 Germany

12 ⁴ now affiliated with the Institute of Building Structures and Structural Design (ITKE),
13 University of Stuttgart, Germany

14
15 *corresponding author:

16 Prof. Dr.-Ing. Jörg Müssig

17 Hochschule Bremen - University of Applied Sciences

18 Faculty 5, Department Biomimetics – Biological Materials

19 Neustadtswall 30

20 D-28199 Bremen / Germany

21 Telephone: ++49 (0)421 5905 2747

22 Fax: ++49 (0)421 5905 2537

23 joerg.muessig@hs-bremen.de

Download English Version:

<https://daneshyari.com/en/article/7215190>

Download Persian Version:

<https://daneshyari.com/article/7215190>

[Daneshyari.com](https://daneshyari.com)