

Alethia-Wood®

Glass – an entirely harmless, tough, inexpensive and virtually inexhaustible abundant resource. We offer you a technology capable of transferring the protective properties of glass onto (construction) materials prone to weather damage, most notably wood.

Properties of Alethia-Wood-Coatings

- Resistance of glass against environmental influences:
 - Humidity/moisture (prevention of wood swelling)
 - Abrasion/corrosion
 - Non-destructive deformation (mechanical flexibility of the coating, comparable to the elasticity of a glass fibre)

- Possible Surface Functionalizations:
 - Hydrophobia (water-repellant surface)
 - UV protection
 - Scratch protection
 - Fire protection

Who We Are?

We are an interdisciplinary research team of the University of Greifswald, consisting of two physicists, an environmental scientist and a business economist.

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