



# Bachelor Thesis Dimensional stability of textile floor coverings at



TFI Institut für Boden- und Raumsysteme an der  
RWTH Aachen e.V.

## Wellness for the soul – you've now found your thesis topic!

Your thesis will support our ongoing research project '**AL**ternative **P**oly**A**mides with reduced global warming potential for textile floor coverings with a monomaterial top surface (**ALPA**)'. Part of the project is the development of a new and realistic test method for the dimensional stability of textile floor coverings. The current standardized procedure tests textiles under non-realistic conditions. Your task is to test and evaluate the textile floor coverings under different climates in climatic chambers and to carry out a correlation analysis with the previous procedure. A newly developed textile floor covering made of PA 12 will also be subjected to the new test as part of the research project. We are happy to work together to adapt the topic of your practical thesis to your interests.

### We offer you:

- Collaboration in a research project
- Independent and responsible task
- Direct supervision
- Practical work (research, experimental design, practical implementation, development, evaluation and interpretation of results)
- Insights into industry-related research

### You have what it takes:

- Study program: focus on textiles, test development
- Motivation for analytical and practical tasks
- Structured and independent working style
- Enjoy solving research questions
- Time to start your internship from March 2025

**If you are interested in innovative research tasks, practical work with textiles and test development, we look forward to receive your application at [personal@tfi-aachen.de](mailto:personal@tfi-aachen.de)**

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If you have any questions on the  
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