

# Laboratory for Technical Textiles and Films



Advances in material development and new trends in building construction allow the creation of exciting new forms and spaces - large, light-flooded structures. Even more wide-spanned and translucent than ever before. These technological advances require consistent material testing, material analyses, energy-optimized properties, standardization and consulting. We are responsible for all these subjects.

The DEKRA Laboratory for Technical Textiles and Films (formerly Blum Laboratory) supports manufacturers and planners in development and quality assurance as well as building contractors in the subsequent use of the products.

Due to progress in the field of textile and lightweight structures, we are constantly working on the development of new project-specific testing and measuring devices and methods as well as membrane stressing systems.

Our activities also include quality control, manufacturing process monitoring, material and detail development, and on-site inspections for large construction projects. As an independent testing laboratory, we carry out initial tests as well as factory and production inspections and issue product certificates. In addition, our range of tasks includes random testing, initial inspections of the plant as well as product inspections and certifications.

## We are recognized:

- > by the German Institute for Construction Engineering (DIBt)
- > as a testing, monitoring, and certification body for films and coated fabrics
- > according to the state building regulations and the building regulation list
- > Accredited according to DIN EN ISO/IEC 17025

## Our experience

Everyone talks about safety. We do something about it. Regardless of whether it's for information, advice, measuring or testing: We are not far away from you. Or do you know any other safety service provider who is there for you with such a comprehensive, standardized range of services and consistent quality?

Get an idea of our services for technical textiles and films or talk to us personally straight away.

We look forward to talking to you.

## Selection of important standards:

- > ASTM D5035
- > CEN TC 248 (Biax test)
- > DIN 18204-1
- > DIN 53354
- > DIN EN ISO 1421
- > DIN EN ISO 527-1/-3
- > EN 17117-1

## An overview of our services:

- > Product testing and certification
- > Biaxial tensile test
- > Production and manufacturing supervision
- > Installation supervision
- > Damage analysis and assessment
- > Consulting in terms of building physics
- > Technical consulting in all project phases
- > Consulting on the development of new materials and detailed solutions
- > Development of testing equipment and test benches
- > Material testing and chemical analysis
- > Expert statements for e.g. the approval in the individual case and building regulation approvals
- > Support with regard to environmental assessment and sustainable building (EPD, LCA)
- > Regular building assessment
- > Project-specific development of test procedures

Our experts will be happy to advise you.

## DEKRA Automobil GmbH

Laboratory for Technical Textiles and Films  
Breitwiesenstrasse 13  
70565 Stuttgart  
Germany  
Telephone +49.711.7861-4110  
Fax +49.711.7861-4115  
testlab@dekra.com

[www.dekra.com](http://www.dekra.com)