

Course Schedule

CAS Wood-Based Panels
Module 2: Adhesives and Emissions
8th – 12th February 2027

e-Learning

Free timing management	
From MON 12.1.	e-Learning lectures (guided self study) Topic: Introduction to adhesives and emissions of wood-based panels

On site Week

	Block 1 8:30 - 10:00		Block 2 10:30 - 12:00		Block 3 13:00 - 14:30	Block 4 14:45 - 16:15	
MON 8.2.	Arrival	Welcome, Organizational (I. Mayer, BFH)	Biomasses and building blocks (I. Mayer, BFH)	Overview bio-based adhesives (R. Frei, BFH)	Adhesives and LCA of wood- based panels (H. Thömen, BFH)	Introduction to material emissions and emission testing (I. Mayer, BFH)	
TUE 9.2.	Introduction to group work (I. Mayer, BFH)		VOC: Regulation of products, regulation of indoor air, health effects (M. Ohlmeyer, Thünen Institute)		VOC: Emissions of wood and wood-based panels, influence of process parameters (M. Ohlmeyer, Thünen Institute)	Influence of process parameters on formaldehyde emissions (S. Weinkötz, BASF)	
WED 10.2.	Polylysine-based adhesives (S. Weinkötz, BASF)		Workshop emission testing In groups at BFH Labs (I. Mayer, Ch. Hinterleitner, BFH)		Mineral-based adhesives (A. Shalbafan, BFH)	Implementation of bio-based adhesives from an industry perspective (G. Dijkstra. Biobased Panels Consultancy)	
THU 11.2.	Tannin-based adhesives (F. Pichelin, BFH)		Lignin-based adhesives (H. Suomela-Uotila, UPM)		Group Work	Group Work	
FRI 12.2.	Workshop adhesive testing In groups at BFH Labs (L. Olaechea, P. Tanner, BFH)				Final presentations and discussions Outcome of group work	Closure	Departure

TechPark Tour
Research Labs
at BFH

16:30 Departure
from BFH
**Curling and
Cheese fondue**

16:30 Departure
from BFH
**Wine tasting in
Ligerz**

Legend

Welcome & Closure

Workshop

Lecture