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Involvement in the COST Action: Member of MC, Member of WG2

Research interest

Performance of wood coatings on thermally and chemically modified wood.

Specialized technique available in my lab

Lab equipment for

- natural and artificial weathering (UV lamps, climate chamber)
- Optical microscope
- SEM / EDX
- Equipment for wood coatings glossiness, hardness, density, pH value, wet/dry film thickness, viscosity (Brookfield) measurements
- Spectrophotometer
- Equipment for contact angle, surface tension measurements
- Equipment for adhesion measurements (pull-off, cross-cut)
- Coating application equipment (brushing, dipping, high pressure spraying, HVLP spraying)
- Drying chamber, drying chamber with IR lamps, heating chamber (up to 250°C)
- Vacuum autoclave