

History and aims

The Dr. Robert Murjahn Institute (RMI) conducts scientific investigations on behalf of its customers into current issues and for the purpose of testing assignments in the areas of coating materials, façade systems, thermal insulation and building protection. It advises on product safety, health, hygiene and the environment in all aspects of coating materials.

The RMI was founded in 2005 and represents the interests of the sector as a whole through public relations work and in cooperation with associations and standardisation bodies.

The institute is named after the chemist Dr. Robert Murjahn, who was behind many ground-breaking innovations such as dispersion paint technology, which is a global technology standard today. We are committed to this pioneering spirit.



Managing Director
Dr. Helge Kramberger

The RMI is accredited for some of the tests offered in accordance with DIN EN ISO/IEC 17025:2018. The accreditation applies only to the accreditation scope listed in the annex D-PL-11204-01-00.

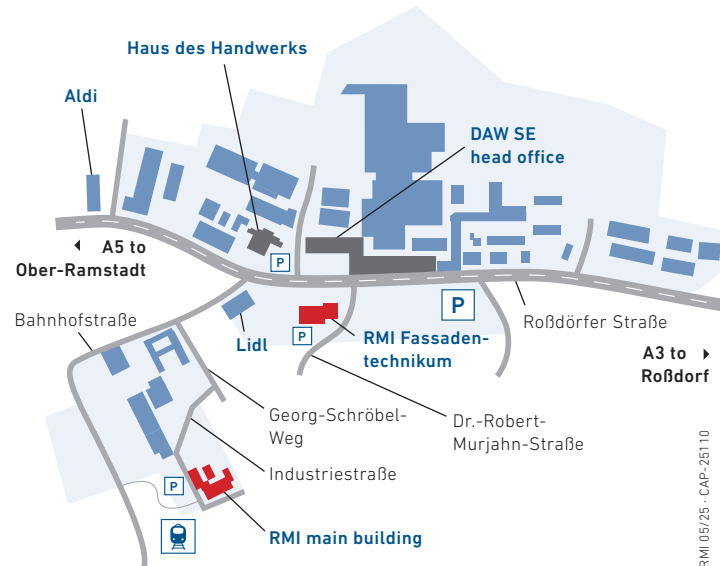


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Map



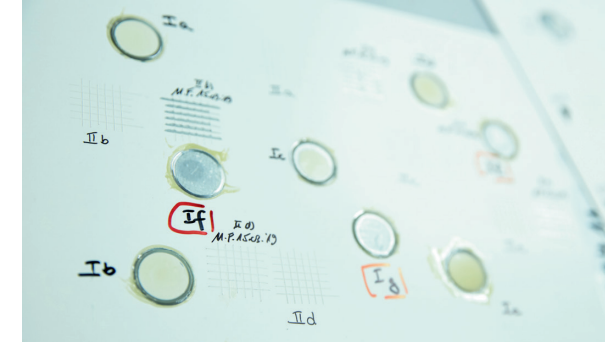
Dr. Robert-Murjahn-Institut

Research institute for coating materials,
façade systems and healthy living

Quality is measurable



Testing services



- Acoustics
 - Sound absorption (based on DIN EN 354)
 - Room and building acoustics
 - Determination of salts harmful to buildings using ion chromatography
 - Opacity
 - Resistance to disinfectant
 - Emission chamber measurement incl. conformity assessment of results
 - Possible emissions assessment in accordance with:
 - AgBB evaluation scheme
 - French evaluation scheme
 - Italian evaluation scheme
 - Belgian evaluation scheme
 - Blauer Engel (DE-UZ-198)
 - Blauer Engel (DE-UZ-12a)
 - BREEAM
 - LEED
 - EMICODE
 - Air Comfort/Air Comfort Gold
 - Moisture content of building and insulation materials
 - Outdoor exposure trials
- FTIR spectroscopy of paints and raw materials
 - Gloss measurement
 - Determining the content of coatings
 - VOC and SVOC using GC/FID and GC/MS
 - Preservatives using HPLC/UV and HPLC/MS/MS
 - Formaldehyde using photometry
 - Determining elements using X-ray fluorescence analysis
 - Adhesive and tensile strength
 - Hygrothermal behaviour
 - Investigations into heat, moisture and weather protection around the building envelope
 - Hygrothermal building and component simulation
 - Identification of coatings and binder types using FTIR spectroscopy
 - Calorimetry
 - Stress due to climatic change
 - Artificial exposure and weathering (UV and Xenon)
- Leaching of preservatives
 - Microscopy of coating structure
 - Minimum film forming temperature
 - Wet scrub resistance, cleanability
 - Analytical investigation of coatings (Determination of solids content, loss on ignition and proportion of pigments and fillers)
 - On-site tests at properties/construction sites
 - Sorption capacity
 - Thermogravimetry
 - Viscosity/rheology
 - Water absorption/water permeability
 - Water vapour permeability