



Technical Service Center
Construction

KRAHN

Your high-performance partner for specialty chemicals.

We are a leading independent chemical business providing sales, marketing and distribution services and are recognized world-wide for our technical expertise and high-quality product portfolio as well as in-house laboratory support. Everything we do is with passion and commitment and always with an eye on the best possible outcome.



Comprehensive Service

Technical Service Center

KRAHN Chemie offers a wide range of tests of construction applications in its own European laboratories. Our service portfolio ranges from application tests and analytical studies, via product development and optimization of formulations, to the creation of complete colorimetric systems including setup of calibration database and color matching.

We assist our customers from commercial support and technical assistance up to laboratory services conducted by experienced employees and excellent laboratory equipment. We would be pleased to carry out tests for you according to standard or customized test methods. We provide a great number of application methods and substrates.

Don't hesitate to contact us!



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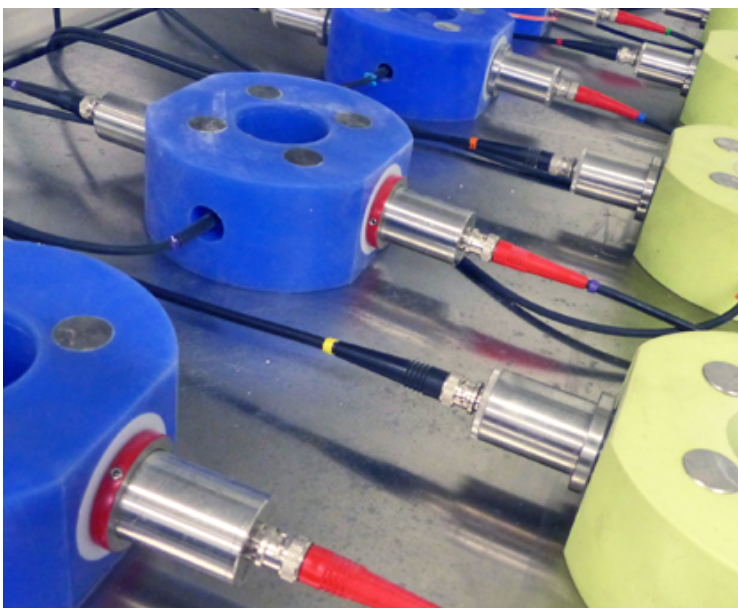
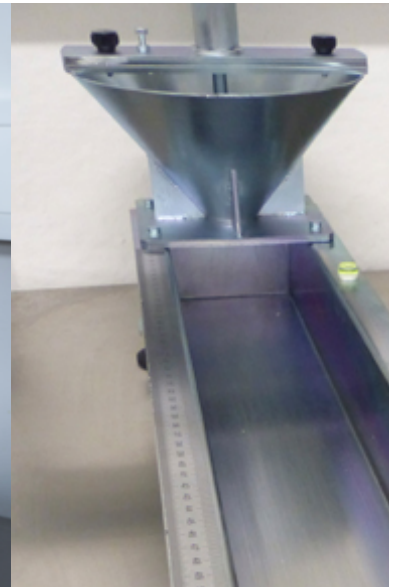
Laboratory Service Overview

Development

- Development and testing of guiding formulations
- Recommendation and testing of raw materials to optimize formulations

Fresh mortar tests

- Consistency testing
 - Hägermann flow table (according to DIN EN 1015-3, DIN EN 13395-1)
 - Flow channel (according to DIN EN 13395-2)
- Setting time
 - Vicat needle instrument (according to DIN EN 196-3)
- Setting time and reaction behavior
 - Ultratest (IP 8)
- Air content (according to DIN EN 12350-7)
- Slipping behavior



Solids testing

- Compressive strength test on mortar prisms (according to DIN EN 196-1)
- Flexural strength test on mortar prisms (according to DIN EN 196-1)
- Adhesive tensile strength (according to DIN EN 1348)
- Shrinkage measurement

Colorimetry

- Color measurement
 - CIE L*a*b* values
 - Whiteness Index (WI) and Yellowness Index (YI) (according to ASTM E313)
- Development of color shade formulations
 - Based on iron oxide pigments
 - Based on customer specific basic formulations

**Bring it
together!**



KRAHN Chemie brings together all the elements designed to create strong added value: markets with innovations, processors with producers and questions with answers.

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