

EUROPEAN COATINGS LABORATORY, s.r.o.



This company, European Coatings Laboratory, spol. s.r.o., is an accredited testing laboratory established in 2015. We are professionals in the testing of paints and coatings. We use our own instrumentation to be able to offer you a precise evaluation of material surface treatments, adapting the test methods to your conditions.

We build on the expertise of our staff, who all make efforts to satisfy our customers' needs and requirements by applying an open approach. We are licensed to issue accredited certificates based on the results of the accredited tests performed by us. Our laboratory provides services mainly to manufacturing companies in the areas of rail transport, steel structures and mechanical engineering, although clients from other industries are also welcome, of course.

We are currently holders of **ISO 9001:2015** and **ČSN EN ISO/IEC 17025:2018**.

What we can offer:

- Accredited testing of paints and coatings
- Non-accredited testing of paints and coatings
- Testing based on customers' requirements
- Test result processing
- Test result interpretation

ACCREDITED TESTING PRICELIST:

Determination of resistance in artificial atmospheres

Salt spray test (neutral salt spray, acid salt spray).

Resistance to cyclic corrosion conditions.

(this price applies to the testing of 3-5 samples

approx. 150x100x1mm in size for 240 hours)

ČSN EN ISO 9227 NSS, AASS

ČSN EN ISO 11997-1, cycle B

CZK 7,000

EUR 275

Determination of resistance in artificial atmospheres – resistance to humidity

(this price applies to the testing of 3-5 samples

approx. 150x100x1mm in size for 240 hours)

ČSN EN ISO 6270-2

CZK 7,600

EUR 298

Evaluation of degradation of coatings

(this price applies to one

evaluation of 3-5 samples

including photographic documentation)

ČSN EN ISO 4628-1,2,3,4,5,8

CZK 1,000

EUR 39

Determination of adhesion by the cross-cut test

(Determination for 1 sample, 3 measurements

as a minimum)

ČSN EN ISO 2409

CZK 800

EUR 31

Determination of adhesion by the pull-off test

(Determination for 1 sample, 3 measurements

as a minimum)

ČSN EN ISO 4624

CZK 1,600

EUR 63

Determination of gloss value at 20°, 60° and 85°

(Determination for 3-5 samples,

10 measurements for each as a minimum)

ČSN ISO 2813

CZK 1,200

EUR 47

Measurement of coating thickness by the magnetic method

(Determination for 3-5 samples,

10 measurements for each as a minimum)

ČSN EN ISO 2178

ČSN EN ISO 2808, 7C a 7D

CZK 1.200

EUR 47

Colorimetric determination of colour differences

(Determination for 1 sample, 3 measurements

as a minimum)

ISO 7724-1, 2, 3

CZK 1,500

EUR 59

Determination of chemical resistance

(Determination for 2 samples

approx 150x100x1mm in size for 240 hours)

ČSN EN ISO 2812-1

CZK 4,000

EUR 157

Determination of resistance to exposure to UV lamps

(Determination for 8 sample groups 3 samples each,

24 in total, 150x75 mm in size, for 1500 hours)

ČSN EN ISO 16474-1,2

CZK 27,600

EUR 1,082

Resistance to UV radiation and water condensation

(Determination for 8 sample groups 3 samples each,

24 in total, 150x75 mm in size, for 1500 hours)

Note: 3 samples as a minimum will be prepared for each

exposure phase (ISO 16474-1)

ČSN EN ISO 13523-10

CZK 27,600

EUR 1,082

Administrative work (1 hour)

CZK 800

EUR 31

Test report in English/German

CZK 1,600

EUR 63

Accredited body according to

ČSN EN ISO/IEC 17025:2018

European Coatings Laboratory, s.r.o.

Průmyslová 4393/1a

796 01 Prostějov, Czech Republic

Company ID: 29253870

VAT ID: CZ29253870

Phone:

+420 608 600 268

+420 608 600 243

Laboratory No.: 1601

NON-ACCREDITED TESTING PRICELIST:

Determination of the through-dry time <i>(Determination for 1 paint)</i>	ČSN EN ISO 9117-3, 5	CZK 2,700	EUR 106
Determination of non-volatile substances		CZK 2,000	EUR 78
Coating thickness determination by the pendulum damping test <i>(Determination for 1 sample 100x100x5 mm, flat metallic or glass substrate)</i>	ČSN EN ISO 1522	CZK 2,000	EUR 78
Buchholz indentation test <i>(Determination for 1 sample)</i>	ČSN EN ISO 2815	CZK 400	EUR 16
Rapid-deformation (impact resistance) test <i>(Determination for 1 sample)</i>	ČSN EN ISO 6272-1	CZK 400	EUR 16
Bend test on a cylindrical mandrel <i>(Determination for 1 sample)</i>	ČSN EN ISO 1519	CZK 400	EUR 16
Bend test on a conical mandrel <i>(Determination for 1 sample)</i>	ČSN EN ISO 6860	CZK 400	EUR 16
Cupping test <i>(Determination for 1 sample)</i>	ČSN EN ISO 1520	CZK 400	EUR 16
Determination of density – pycnometer method <i>(Determination for 1 sample)</i>	ČSN EN ISO 2811-1	CZK 400	EUR 16
Determination of flow time by use of flow cups <i>(Determination for 1 sample)</i>	ČSN EN ISO 2431	CZK 400	EUR 16

*The prices do not include VAT and are tentative only.
The final price will follow from the volume and complexity of the job and discussion with the customer.*

HOW TO CONTACT US?

Ing. Jaroslav Slíž
Head of the Accredited Laboratory

*phone: +420 608 600 268
e-mail: sliz@eucl.cz*

Ing. Matěj Hošťálek
laboratory technician, metrologist

*phone: +420 608 600 243
e-mail: hostalek@eucl.cz*



Climatic tests



UV resistance test



Film gloss measurement



Colour and colour difference measurements



Adhesion by the cross-cut test



Adhesion by the pull-off test