



NÁRODNÍ AKREDITAČNÍ ORGÁN

EA MLA Signatory  
Český institut pro akreditaci, o.p.s.  
Olšanská 54/3, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products, as amended

## CERTIFICATE OF ACCREDITATION

No. 447/2018

**JS technology s.r.o.**  
with registered office Vodárenská 2557, 440 01 Louny, Company Registration No. 28713842

to the Testing Laboratory No. 1125  
Testing Laboratory for Surface Treatment

Scope of accreditation:

Testing of paints and varnishes, coating systems and coats, metals and their alloys, self-adhesive sheets and graffiti removers to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of Accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2005

In its activities performed within the scope and for the period of validity of this Certificate, the Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited Conformity Assessment Body.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 167/2016 of 16/03/2016, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **21. 10. 2019**

Prague: 27. 8. 2018



*J. Růžička*  
Jiří Růžička  
Director  
Czech Accreditation Institute  
Public Service Company

**The Appendix is an integral part of  
Certificate of Accreditation No. 447/2018 of 27/08/2018**

**Accredited entity according to ČSN EN ISO/IEC 17025:2005:**

**JS technology s.r.o.**

Testing Laboratory for Surface Treatment

Poděbradská 358, 288 02 Nymburk

*The Laboratory is qualified to update normative documents identifying the test procedures.*

*The laboratory has a flexible scope of accreditation permitted as detailed in the Annex.*

*Updated list of activities provided within the required flexible scope of accreditation is available on the laboratory website [www.jstechnology.cz](http://www.jstechnology.cz).*

**Tests:**

Ordinal number	Test procedure/method name	Test procedure/method identification	Tested object
1.	Determination of resistance of materials to humid atmospheres containing sulfur dioxide	Method No. 1 (ČSN 03 8131 ČSN EN ISO 3231 ČSN ISO 6988)	Paints and varnishes, coating systems and coats, Metals and their alloys
2.	Determination of resistance to salt spray	Method No. 2 (ČSN EN ISO 9227)	Paints and varnishes, coating systems and coats, Metals and their alloys
3.	Determination of resistance to humidity	Method No. 3 (ČSN EN ISO 6270-2)	Paints and varnishes, coating systems and coats, Metals and their alloys
4.	Determination of resistance in cyclic corrosion tests	Method No. 4 (ČSN EN ISO 11997-1 ČSN EN ISO 11997-2 ČSN EN ISO 9227 ČSN EN ISO 6270-2 ČSN 03 8131 ČSN 67 3098 EN 13261, Annex E) ČSN EN ISO 2812-1 ČSN EN ISO 2812-2 ČSN ISO 20340 ČSN EN ISO 16474-3 TKP 19B – ŘSD, proof testing only TKP 25B - SŽDC)	Paints and varnishes, coating systems and coats, Metals and their alloys
5.	Determination of resistance to temperature changes	Method No. 5 (ČSN 67 3098)	Paints and varnishes, coating systems and coats Sheets





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Ordinal number	Test procedure/method name	Test procedure/method identification	Tested object
6.	Determination of the degree of degradation of coating <ul style="list-style-type: none"> <li>• Determination of defects and changes</li> <li>• Assessment of degree of blistering</li> <li>• Assessment of degree of rusting</li> <li>• Assessment of degree of cracking</li> <li>• Assessment of degree of flaking</li> <li>• Assessment of degree of chalking</li> <li>• Assessment of degree of delamination and corrosion around a scribe</li> </ul>	Method No. 6 (ČSN EN ISO 4628-1 ČSN EN ISO 4628-2 ČSN EN ISO 4628-3 ČSN EN ISO 4628-4 ČSN EN ISO 4628-5 ČSN EN ISO 4628-6 ČSN EN ISO 4628-8 ČSN EN ISO 17872)	Paints and varnishes, coating systems and coats, Metals and their alloys
7. *	Determination of gloss value of coatings without the content of metallic pigments at 60 degrees	Method No. 7 (ČSN ISO 2813)	Paints and varnishes Sheets
8. *	Visual designation and evaluation of colours	Method No. 8 (ČSN 67 3067:1994, p. 4.4)	Paints and varnishes Sheets
9. *	Determination of film thickness	Method No. 9 (ČSN ISO 19840, ČSN EN ISO 2808 method No. 1A, 4A chap.5.2.4.1.2, 6B, 7C and 7D)	Paints and varnishes, coating systems and coats Sheets
10. *	Determination of adhesion (Cross-cut test)	Method No. 10 (ČSN ISO 2409)	Paints and varnishes, coating systems and coats Sheets
11.	Determination of pull-off strength including breaking characteristics	Method No. 11 (ČSN EN ISO 4624)	Paints and varnishes, coating systems and coats Sheets
12.	Bend test <ul style="list-style-type: none"> <li>• using a conical mandrel</li> </ul>	Method No. 12 (ČSN EN ISO 6860)	Paints and varnishes, coating systems and coats
13.	Bend test <ul style="list-style-type: none"> <li>• using a cylindrical mandrel</li> </ul>	Method No. 13 (ČSN EN ISO 1519)	Paints and varnishes, coating systems and coats
14.	Erichsen cupping test	Method No. 14 (ČSN EN ISO 1520 - 67 3081)	Paints and varnishes, coating systems and coats

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Ordinal number	Test procedure/method name	Test procedure/method identification	Tested object
15. *	Visual evaluation of external characteristics	Method No. 15 (ČSN EN ISO 1513)	Paints and varnishes Graffiti removers
16.	Gravimetric determination of non-volatile matter content	Method No. 16 (ČSN EN ISO 3251)	Paints and varnishes Binders for paints and varnishes
17.	Determination of density by pycnometric method	Method No. 17 (ČSN EN ISO 2811-1)	Paints and varnishes Graffiti removers
18.	Visual determination of frost resistance	Method No. 18 (UIC 842-2)	Paints and varnishes Sheets
19.	Determination of drying - Modified Bandow-Wolff method	Method No. 19 (ČSN EN ISO 9117-5)	Paints and varnishes
20.	Determination of chemical resistance	Method No. 20 (UIC 842-2)	Paints and varnishes Sheets
21.	Buchholz indentation test	Method No. 21 (ČSN EN ISO 2815)	Paints and varnishes
22.	Determination of resistance to liquids	Method No. 22 (ČSN EN ISO 2812-1 ČSN EN ISO 2812-2)	Paints and varnishes, coating systems and coats, Metals and their alloys
23.	Determination of resistance to UV radiation	Method No. 23 (ČSN EN ISO 16474-3)	Paints and varnishes, coating systems and coats, Metals and their alloys

<sup>1)</sup> Asterisk at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises

**Annex:**

Flexible scope of accreditation

Ordinal numbers of tests
2, 3, 4, 5, 16, 20

The Laboratory is allowed to modify the test methods listed in the Annex within the specified scope of accreditation provided the measuring principle is observed.

The flexible approach to the scope of accreditation cannot be applied to the tests not included in the Annex.

Explanations:

TKP – Technical Quality Specifications

ŘSD – Road and Motorway Directorate

SŽDC – Railway Infrastructure Administration

