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. **534/2019**

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 17025:2018

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.: 447/2018 of 27. 8. 2018, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **17. 10. 2024**

Prague: 17. 10. 2019

Český institut pro akreditaci, o.p.s. NÁRODNÍ AKREDITAČNÍ ORGÁN -2-

Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company

The Appendix is an integral part of
Certificate of Accreditation No. 534/2019 of 17/10/2019

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

JS technology s.r.o.
Testing Laboratory for Surface Treatment
Poděbradská 358, 288 02 Nymburk

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. The Laboratory provides expert opinions and interprets test result.

Tests:

Ordinal number [1]	Test procedure/method name	Test procedure/method identification [2]	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 6270-1, ČSN EN ISO 6270-2)	Paints and varnishes, coating systems and coats, Metals and their alloys
4.	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
5.	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
6.	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 6270-1 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 EN ISO 12944-9 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
7.	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 [1]	Test procedure/method name	Test procedure/method identification [2]	Tested object
8.	Determination of the degree of degradation of coating • Determination of defects and changes • Assessment of degree of blistering • Assessment of degree of rusting • Assessment of degree of cracking • Assessment of degree of flaking • Assessment of degree of chalking • Assessment of degree of delamination and corrosion around a scribe	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
9.*	Determination of gloss value of coatings without the content of metallic pigments at 60 degrees	Method No. 7 (ČSN EN ISO 2813)	Paints and varnishes Sheets
10.*	Determination of film thickness	Method No. 9 (ČSN ISO 19840, ČSN EN ISO 2808 method No. 4B, 6B, 7C and 7D)	Paints and varnishes, coating systems and coats Sheets
11.*	Determination of adhesion (Cross-cut test)	Method No. 10 (ČSN ISO 2409)	Paints and varnishes, coating systems and coats Sheets
12.*	Determination of pull-off strength including breaking characteristics	Method No. 11 (ČSN EN ISO 4624)	Paints and varnishes, coating systems and coats Sheets
13.	Bend test • using a conical mandrel	Method No. 12 (ČSN EN ISO 6860)	Paints and varnishes, coating systems and coats
14.	Bend test • using a cylindrical mandrel	Method No. 13 (ČSN EN ISO 1519)	Paints and varnishes, coating systems and coats
15.	Erichsen cupping test	Method No. 14 (ČSN EN ISO 1520 - 67 3081)	Paints and varnishes, coating systems and coats
16.	Buchholz indentation test	Method No. 21 (ČSN EN ISO 2815)	Paints and varnishes
17.	Gravimetric determination of non-volatile matter content	Method No. 16 (ČSN EN ISO 3251)	Paints and varnishes Binders for paints and varnishes

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Ordinal number [1]	Test procedure/method name	Test procedure/method identification [2]	Tested object
18.	Determination of density by pycnometric method	Method No. 17 (ČSN EN ISO 2811-1)	Paints and varnishes Graffiti removers
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

[1] Asterisk* at the ordinal number identifies the tests, which the Laboratory is qualified to carry out outside the permanent laboratory premises.

[2] If the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes).

Annex:
Flexible scope of accreditation

Ordinal numbers of tests
2, 3, 4, 5, 6, 7, 17, 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

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