



TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Technical and Test Institute for Construction Prague, SOE

Akreditované zkušební laboratoře, Autorizovaná osoba, Notifikovaná osoba, Oznámený subjekt, Subjekt pro technické posuzování, Certifikační orgány, Inspekční orgán / Accredited Testing Laboratories, Authorized Body, Notified Body, Technical Assessment Body, Certification Bodies, Inspection Body • Prosecká 811/76a, Prosek, 190 00 Praha 9, Czech Republic

Authorized Body 204
empowered by the Decision of COSMT No. 5/2017 of 31/1/2017
Branch Office 0100 – Prague

PRODUCT CERTIFICATE

No. 204/C5/2020/010-042744

In compliance with the enactment of Article 5 of the Government Decree No. 163/2002 Coll., that lays down technical requirements for selected construction products, as amended by Government Decree No. 312/2005 Coll. and by Government Decree No. 215/2016 Coll., it is confirmed, that in case of the construction product

Protective paints and coatings of metal elements

manufacturer:

ColorWest, s.r.o.

INo: 25229184
address: Konzumní 207/14, Lhota, 301 00 Plzeň
plant: ColorWest, s.r.o.
address: Čelakovského 1051/II, 337 01 Rokycany
order: Z010120365

the Authorized Body has reviewed documents submitted by the manufacturer, performed the initial type-testing of the product sample, performed the initial inspection of manufacturing plant, assessed factory production control and has stated, that

- this product fulfils the requirements derived from related essential requirements given in the abovementioned Government Decree and detailed in the standards and technical regulations:

NTA No. 010-042479 dated 28th February 2020 issued by Authorized Body 204 valid until 28th February 2023

- the factory production control complies with technical documentation and ensures that products put on the market meet the requirements laid down in the abovementioned standards and technical regulations and comply with relevant technical documentation according to Article 4 Clause 3 of the abovementioned Government Decree.

The Product Certification Report No. 010-042743 of 29th May 2020 and the Surveillance Report No. 010-044416 of 2th July 2021 containing the conclusion of the findings, assessments, test results and description (eventually sketch) of the product necessary for its identification is to be considered as an integral part of this certificate.

This certificate was first issued on 29th May 2020 and remains valid as long as the requirements given in the designated standards and technical regulations referred to hereinabove or the manufacturing conditions in the factory or the factory production control itself are not modified significantly, unless suspended or withdrawn by the Authorized Body.


The Authorized Body performs at least once per 12 months the surveillance of proper function of the factory production control at the manufacturer, selects samples at the factory and performs an audit-testing of samples to assess whether the characteristics of the product comply with the standards and technical regulations according to Article 5 Clause 4 of the above mentioned Government Decree. The Authorized Body shall issue a report on the evaluation of surveillance and forwards it to the manufacturer.

The person taking overall responsibility for this certificate:

The stamp of the Authorized Body 204

Prague, 2th July 2021




Ing. Iveta Jiroutová
Deputy manager of the Authorized Body 204



Annex to Certificate No. 204/C5/2020/010-042744

1. Description of the product and its intended use in a building:

A. Protective paints and coatings of metal elements (exterior)

Epoxy and polyvinyl butyral based painting:

WP30 barva základní reaktivní

Epoxy paints:

EP02-S 2K barva základní epoxidová, **EP80HS** 2K barva základní epoxidová, **EP83** 2K barva podkladová epoxidová, **EP85** 2K barva zinková epoxidová, **EP89** 2K barva vrchní epoxidová, **EP85L** 2K barva zinková epoxidová; **EP 100** 2K epoxidová silnovrstvá barva

B. Protective paints and coatings of metal elements (exterior and interior)

Alkyd paints:

KG04 barva základní syntetická, **KG05** barva antikorozi syntetická, **KG05L** barva antikorozi syntetická, **KG05SWL** barva antikorozi syntetická, **S2000** barva antikorozi syntetická, **KH13** barva jednovrstvá syntetická, **KH13L** barva jednovrstvá syntetická, **3v1** barva jednovrstvá syntetická, **KH14** barva vrchní syntetická, **KH15** barva vrchní syntetická, **S2013** barva vrchní syntetická;

Epoxy paints:

EP80 2K barva základní epoxidová

Polyurethane and acrylic paints:

AC01 1K barva základní akrylátová, **AC02** 2K barva jednovrstvá akrylátová, **AC03** 2K barva vrchní akrylátová, **AC03-23** 2K barva vrchní akrylátová, **AC03-23HS** 2K barva vrchní akrylátová, **AC04** 2K barva strukturní akrylátová, **AC06** 2K barva vrchní akrylátová, **AC08-2** 2K barva základní akrylátová, **AC09** 2K barva podkladová akrylátová, **AC10** 2K barva základní polyuretanová, **AC22** 1K barva jednovrstvá akrylátová, **PU01** 2K barva vrchní polyuretanová, **PU01-42** 2K barva vrchní polyuretanová, **PU06-23** 2K barva jednovrstvá polyuretanová, **PU07-23** 2K barva strukturní polyuretanová, **PU08** 2K barva univerzální polyuretanová; **SP 15** 1K barva základní akrylátová; **PU08-HS** 2K barva univerzální polyuretanová; **PU28-HS** 2K barva základní polyuretanová; **PU85** 2K barva lesklá polyuretanová;



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Epoxy-polyurethane paints:

PE20 2K Barva antikorozi epoxypolyuretanová; **PE25** 2K Barva antikorozi epoxypolyuretanová; **PE55** 2K Barva jednvrstvá epoxypolyuretanová;

The stamp of the Authorized Body 204

Prague, 2nd July 2021



Ing. Iveta Jiroutová

Deputy manager of the Authorized Body 204



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Authorized Body 204
empowered by the Decision of COSMT No 05/2017
Branch 0100 – Prague

issues

in accordance with the enactment of the Law No. 22/1997 Coll. on technical requirements for products and changes of and amendments to some laws as amended, and § 2 and § 3 of the Government Decree No. 163/2002 Coll. as amended by the Government Decree No. 312/2005 Coll. and by the Government Decree No. 215/2016 Coll.

NATIONAL TECHNICAL APPROVAL

No 010-042479

construction product:

Protective paints and coatings of metal elements

type / variation: see point 1

Manufacturer:

ColorWest, s.r.o.

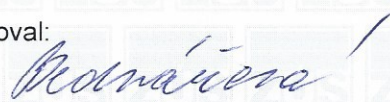
INo: 25229184
address: Konzumní 207/14, Lhota, 301 00 Plzeň
plant: ColorWest, s.r.o.
address: Čelakovského 1051/II, 337 01 Rokycany
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Authorized Body 204 attests by this National Technical Approval data about technical performance of the product in relation to its essential characteristics and methods of their tests in relation to the essential requirements listed in Annex 1 of Government Decree No. 163/2002 Coll. as amended by the Government Decree No. 312/2005 Coll. and by the Government Decree No. 215/2016 Coll.

National Technical Approval is the technical specification designed for conformity assessment of the product.

Number of pages of National Technical Approval incl. the cover page: 4

The person taking overall responsibility for the content of this Approval:


Ing. Klára Bednářová
Chief Assessor

The Approval is valid till: 28th February 2023

The person taking responsibility for correctness of this Approval:

Stamp of the Authorized Body 204

Prague, February 28, 2020




Ing. Iveta Jiroutová
Deputy Manager of the Authorized Body 204

Note: This NTA may not be reproduced otherwise but complete without a written consent of the Authorised Body manager.

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Epoxy polyurethane paints:

PE20 2K Barva antikorozi epoxypolyuretanová; **PE25** 2K Barva antikorozi epoxypolyuretanová; **PE55** 2K Barva jednovrstvá epoxypolyuretanová



2. Product characteristics and methods their assessment:

Tab. 1:

No.	Product characteristics	Test method	Numer of samples		Required (R)/ declared performance (D)
			C ¹⁾	S ¹⁾	
1	Determination of resistance to humidity	ČSN EN ISO 6270-1	1	1	D: min. 120 hours
2	Corrosion tests in artificial atmospheres - Salt spray tests	ČSN EN ISO 9227	1	1	D: min. 120 hours
3	Degree of rusting	ČSN EN ISO 4628-3	1	1	D: max. Ri 2
4	Degree of blistering	ČSN EN ISO 4628-2	1	1	D: max. st. 5-5(S4)
5	Degree of corrosion around a scribe after salt spray test	ČSN EN ISO 4628-8	1	1	D: max. 1.5 mm
6	Cross-cut test ²⁾ / Pull-off test for adhesion	ČSN EN ISO 2409 ²⁾	1	1	D: max. st. 1
		ČSN EN ISO 4624			D: min. 1 MPa
7	Health safety – TVOC emissions ^{2);3)}	ČSN EN ISO 16000-9 ČSN EN ISO 16000-10 ČSN EN ISO 16000-11 ČSN EN 1230-1 Hygiene regulations Safety Data Sheet Assessment Expert workplace method	1	-	R: positive review

Note: C – certification of product (§ 5); S – surveillance (§ 5);

¹⁾ For test set 1 to 7, the original package shall be taken. The selection of parameters for random checks of product characteristics during surveillance shall be made by the AB depending on the test results and the results of the surveillance of the manufacturer's proper production management system. A minimum of 1 critical characteristic for the interior product and a minimum of 2 critical characteristics for the exterior product shall be tested. A representative for each chemical base shall be tested.

²⁾ One of the methods shall be selected.

³⁾ Only for products with an indoor declaration.

⁴⁾ Other properties of TN 05-14-02 do not apply to products.

3. Factory production control

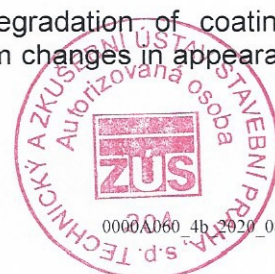
- The requirements for the FPC are listed in Annex 3 to Government Regulation No. 163/2002 Coll., as amended.

4. List of documentation provided by the manufacture:

- Product safety and technical data sheets.

5. List of the used technical regulations, technical specifications and other documentation:

- ČSN EN ISO 6270-1 Paints and varnishes - Determination of resistance to humidity - Part 1: Condensation (single-sided exposure).
- ČSN EN ISO 9227 Corrosion tests in artificial atmospheres - Salt spray tests.
- ČSN EN ISO 4628-2 Paints and varnishes - Evaluation of degradation of coatings – Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 2: Assessment of degree of blistering.



- ČSN EN ISO 4628-3 Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting
- ČSN EN ISO 4628-8 Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 8: Assessment of degree of delamination and corrosion around a scribe or other artificial defect
- ČSN EN ISO 2409 Paints and varnishes - Cross-cut test
- ČSN EN ISO 4624 Paints and varnishes - Pull-off test for adhesion
- ČSN EN ISO 16000-9 Indoor air - Part 9: Determination of the emission of volatile organic compound from building products and furnishing - Emission test chamber method
- ČSN EN ISO 16000-10 Indoor air - Part 10: Determination of the emission of volatile organic compound from building products and furnishing - Emission test cell method
- ČSN EN ISO 16000-11 Indoor air - Part 11: Determination of the emission of volatile organic compound from building products and furnishing - Sampling, storage of samples and preparation of test specimens
- ČSN EN ISO 1230-1 Paper and board intended to come into contact with foodstuffs - Sensory analysis - Part 1: Odour
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
- REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals, establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93, Commission Regulation (EC) No 1488/94, Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
- TN 05. 14. 02

6. Verification tests:

- No verification tests were carried out for the National Technical Approval.

7. Detailed requirements for conformity assessment:

- The product is included in Annex 2, group 05_14 of the Government Decree No 163/2002 Coll., and the prescribed conformity assessment system complies with § 5 of the abovementioned Decree.
- The manufacturer ensures a factory production control in accordance with the requirements of point (d), Art. 1, § 5 of the said Decree.
- **Surveillance of certified product will be performed once a year.**

