

RUSSIAN FEDERATION

CERTIFICATE OF CONFORMITY

(compulsory certification)

№ C-RU.ПБ34.В.01772 # 0001209

APPLICANT

Limited Liability Company Research and Production Company "Fire Protection Engineering Laboratory" (NPF "Fire Protection Engineering Laboratory", LLC). Address: 51, highway Avtozavodskoe, Dzerzhinsk, Nizhny Novgorod region, Russia, 606016. OGRN 1135249001800. Phone/fax: +7(8313)23-00-11. Email: info@stabiterm.ru

MANUFACTURER

Limited Liability Company Research and Production Company "Fire Protection Engineering Laboratory" (NPF "Fire Protection Engineering Laboratory", LLC). Address: 51, highway Avtozavodskoe, Dzerzhinsk, Nizhny Novgorod region, Russia, 606016. OGRN 1135249001800. Phone/fax: +7(8313)23-00-11. Email: info@stabiterm.ru

CERTIFICATION AUTHORITY

Limited Liability Company "RESEARCH AND DEVELOPMENT CENTER "POZH-AUDIT". Address: 10, building 2, Ryazanskii Prospect, Moscow, Russia, 109428. Phone/fax: +7(495)740-43-62 (61). OGRN: 5087746009489. Correspondence address: 109456, P.O. Box 4. Email: info@pozhaudit.ru. Certificate ID № TRPB.RU.PB34 issued by the Federal Service for Accreditation 14.05.2015

CONFIRMS THAT

Combined fire-retardant system "Stabiterm-400", manufactured according technical specifications TU 2316-015-25572341-2015, when applied to a primer GF-021 (GOST 25129-82) or primer "Stabiterm-022" provides fire rating in accordance with Appendixes №0000794, №0000795. Mass production.

COMPLIES WITH TECHNICAL REGULATIONS

Technical regulations for fire safety requirements (Federal Law No. 123-FZ of July 22, 2008 with amend. of Federal Law No. 117-FZ of 10.07.2012, Federal Law No. 185-FZ of 02.07.2013, Federal Law No. 185-FZ of 23.06.2014,). GOST R 53295-2009 "Fire-retardant compositions for steel structures. General requirements. Methods for determining fire retardant efficiency".

RESEARCHES (TESTS) AND MEASUREMENTS PERFORMED

- 1) Test protocols № C-19/07-2015, № C-20/07-2015, № C-21/07-2015, № C-22/07-2015 of July 23, 2015; № C-23/07-2015, № C-24/07-2015, № C-25/07-2015, № C-26/07-2015 of July 24, 2015; № C-27/07-2015, № C-28/07-2015, № C-29/07-2015 of July 27, 2015. Testing center "NTC "POZH-AUDIT" LLC, accreditation certificate №ТРПБ.РУ.ИИ24 of May 15, 2015.
- 2) Certificate of production analysis №116/OC-15 of June 26, 2015 issued by certification authority "NTC "POZH-AUDIT" LLC № TRPB.RU.PB34 of May 14, 2015, certification scheme 4c.

SUBMITTED DOCUMENTS

TU 2316-015-25572341-2015, TU 2313-009-84300285-2008, Operating documentation, Quality Management System Certificate of Conformity to the requirements of GOST ISO 9001-2011 #ROSS RU.IS11.P00728 of 10.10.2013 valid to 10.10.2016 issued by CA VNIIS-SERT OJSC "VNIIS"

Russian National product classification code 005:

23 1000

UCIA

Russian FEACN code 3208 90 190 9

CERTIFICATE OF CONFORMITY VALIDITY PERIOD from 27.07.2015 to 26.07.2020

Certification authority head (deputy head)

D.A.Taruntaev

Expert(s)

I.A. Poedintsev

Stamp

RUSSIAN FEDERATION

APPENDIX TO

CERTIFICATE OF CONFORMITY № C-RU.ПБ34.В.01772

(compulsory certification)

TP 000794

Information on national standards (set of rules and regulations) applied on a voluntary basis for compliance with the technical regulation requirements

Designation of a national standard or set of rules and regulations	Name of a national standard or set of rules and regulations	Compliance with national standards or set of rules and regulations
GOST R 53295-2009	“Fire-retardant compositions for steel structures. General requirements. Methods for determining fire retardant efficiency”	Fire-retardant coating consisting of: - Primer GF-021 (GOST 25129-82) with a dry layer thickness not less than 0.05 mm or primer “Stabiterm-022” (TU 2313-009-84300285-2008) with a dry layer thickness not less than 0.05 mm; - Combined fire-retardant system “Stabiterm-400” (Technical requirements TU 2316-015-25572341-2015) with a dry layer thickness not less than 1.59 mm (composition consumption set by the manufacturer — not less than 1.12 kg/m ²) when tested with I-shaped steel column №20 according to GOST 8239-89 (effective thickness of metal is 3.4 mm) provides fire rating of the 5 (fifth) group.
GOST R 53295-2009	“Fire-retardant compositions for steel structures. General requirements. Methods for determining fire retardant efficiency”	Fire-retardant coating consisting of: - Primer GF-021 (GOST 25129-82) with a dry layer thickness not less than 0.05 mm or primer “Stabiterm-022” (TU 2313-009-84300285-2008) with a dry layer thickness not less than 0.05 mm; - Combined fire-retardant system “Stabiterm-400” (Technical requirements TU 2316-015-25572341-2015) with a dry layer thickness not less than 2.88 mm (composition consumption set by the manufacturer — not less than 2.03 kg/m ²) when tested with I-shaped steel column №20 according to GOST 8239-89 (effective thickness of metal is 3.4 mm) provides fire rating of the 4 (fourth) group.

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TP 000795

Combined fire retardant system "Stabiterm 400", manufactured according TU 2316-015-25572341-2015.

Dependence of thickness of the dry layer on effective thickness of metal for different time periods of reaching ultimate behaviour state in accordance with Article 4.11 of GOST R 53296-2009

Combined fire retardant system "Stabiterm-400", manufactured according TU 2316-015-25572341-2015, provides fire rating in accordance with the following table:

Item	Metal thickness specified, not less than, mm	Dry layer thickness of "Stabiterm-400" not less than, mm	"Stabiterm-400" consumption set by the manufacturer — not less than, ignoring losses, kg/m ²	Critical temperature of 500°C of the sample is reached in not less than, minutes
1	2.4	2.33	1.64	45
2	7.8	0.64	0.45	45
3	2.4	3.55	2.50	60
4	10	1.50	1.06	60
5	4.1	4.72	3.32	90
6	5.8	3.97	2.80	90
7	10	3.02	2.13	90
8	5.8	5.96	4.20	120
9	10	4.30	3.03	120

When applied to I-shaped steel column №20, covered with primer GF-021 (GOST 8239-89) with a dry layer thickness not less than 0.05 mm or primer "Stabiterm-022" (TU 2313-009-84300285-2008) with a dry layer thickness not less than 0.05 mm.

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