

Mfpa Leipzig GmbH

Testing, Inspection and Certification Authority for
Construction Products and Construction Types

Leipzig Institute for Materials Research and Testing
Business Division III - Structural Fire Protection
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Work Group 3.1 - Fire Behaviour of Building Products

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Classification Report No. KB 3.1/18-307-4

19 March 2019

No. Copy 1

*This is a translation of the German classification report
KB 3.1/18-307-4.*

Client: Soudal N.V.
Everdongenlaan 18-20
2300 Turnhout
Belgium

Order: Reaction to fire classification according to DIN EN 13501-1:2010-01

Subject matter: Joint sealant „Soudatight LQ“ and „Soudatight SP“ according to
DIN EN 15651-1:2017-07

Date of order: 11 December 2018

Person in charge: Dipl.-Ing. (FH) Rüdiger Pusch

This document consists of 4 pages.

In case of doubt the German version shall apply.

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Testing laboratory accredited by DAkkS GmbH according to DIN EN ISO/IEC 17025. The accreditation only applies to the test methods listed in the certificate (in this document marked with *) which can be seen on www.mfpa-leipzig.de

Notified testing laboratories, inspection bodies and certification bodies recognized according to the Construction Products Regulation (NB 800) and the State Building Code (SAC02).

Gesellschaft für Materialforschung und Prüfungsanstalt für das Bauwesen Leipzig mbH (Mfpa Leipzig GmbH)

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1 Details of classified product

1.1 General

The building products „Soudatight LQ" and „Soudatight SP" are non-structural-bearing facade sealants used in building construction to seal joints in exterior walls, window and door surrounds, including visible surfaces in the interior.

According to the client, this building products are subject to the following harmonised European product standard: DIN EN 15651-1:2017-07.

1.2 Product description

According to the client, the building products to be classified are water-based, synthetic sealing pastes as a non-structural-bearing facade sealant and is called „Soudatight LQ" and „Soudatight SP". The building product is used as air- and watertight sealing of joints in exterior walls, window and door surrounds.

Parameters according to the client's information:

- Density of the product „Soudatight LQ" (fully cured): ca. 1.15 g/ml
- Density of the product „Soudatight SP" (fully cured): ca. 1.08 g/ml

2 Reports and results in support of this classification

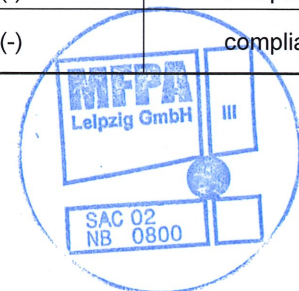
2.1 Reports

Name of laboratory	Name of sponsor	Report ref. no.	Test method
MFPA Leipzig GmbH	Soudal N.V.	PB 3.1/18-307-3 from 19.03.2019	DIN EN ISO 11925-2:2011-02*

2.2 Results

Test method and test number	Parameter	No. tests	Results	
			Continuous parameter - mean (m)	Compliance with parameters
DIN EN ISO 11925-2:2011-02*	$F_s \geq 150\text{mm}$	6	(-)	compliant
	No flaming droplet/particles		(-)	compliant

(-) not applicable



3 Classification and field of application

3.1 Reference of classification

This classification has been carried out in accordance with DIN EN 13501-1:2010-01 and according to DIN EN 15651-1:2017-07.

3.2 Classification

The product „Soudatight LQ“ and the product „Soudatight SP“

in relation to its reaction to fire behaviour is classified: E

The additional classification in relation to smoke production is: -

The additional classification in relation to flaming droplets/particles is: -

The format of the reaction to fire classification for building products excluding floorings and linear pipe thermal insulation products is:

Fire behaviour		Smoke production			Flaming droplets/particles	
E	-	s	-	,	d	-

i.e. E

Reaction to fire classification: E

3.3 Field of application

This classification is valid for the following product parameters:

- The joint sealant as sealing paste „Soudatight LQ“ consists of a water-based fibre-reinforced synthetic dispersion which is solvent-free (chemically non-reactive).
- After curing, the building product must have a density of approx. 1.15 g/ml.
- The joint sealant as sealing paste „Soudatight SP“ consists of a water-based synthetic dispersion which is solvent-free (chemically non-reactive).
- After curing, the building product must have a density of approx. 1.53 g/ml.
- The colour of the materials was black after the curing process.
- The composition of the products must correspond to the composition deposited with MFPA Leipzig GmbH.

The classification applies to the following end-use applications:

- The building product must be used to seal joints in exterior walls, window and door surrounds, including visible surfaces indoors.
- The building product may be used in contact with mineral building materials as well as metal, gypsum plasterboard and wood.

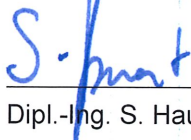


4 Limitations

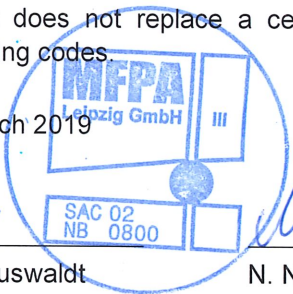
- (1) A combination with other building products, especially insulating materials with other gross density ranges than specified in section 3.3, can have an adverse effect on the fire behaviour so that the classification in section 3.2 is no longer valid. The reaction to fire in combination with other building products or for other gross density ranges or thickness ranges must be tested separately.
- (2) The classification document is not a type approval or product certification and does not replace a verification according to German building law (*Landesbauordnung* [state building code]), which may be required.
- (3) This classification report is valid as long as the product composition or the product design, the raw materials or the production process and the construction regulations or the basis for the evaluation do not change.

This document does not replace a certificate of conformity or suitability according to national and European building codes.

Leipzig, 19 March 2019



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