



Institut für Brandschutztechnik
und Sicherheitsforschung

CLASSIFICATION OF REACTION TO FIRE

in accordance with EN 13501-1:2018

Test specimen: 600 Silikon Kleber

SPONSOR	Ramsauer GmbH & Co KG Alte Bundesstraße 147 5350 Strobl Austria
PREPARED BY	IBS - Institut für Brandschutztechnik und Sicherheitsforschung Gesellschaft m.b.H. Petzoldstraße 45 4020 Linz Austria
NOTIFIED BODY NO	1322
TECHNICIAN	Stefan Willnauer

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WIS/MarR

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1. Introduction

This classification report defines the classification assigned to the construction product **"600 Silikon Kleber"** in accordance with the procedure given in EN 13501-1:2018.

2. Details of the classified product

2.1. General

The construction product **"600 Silikon Kleber"** intended use is as adhesive in industrial environment. Its classification is valid for the area of application listed under point 4.

2.2. Product description

The construction product **"600 Silikon Kleber"** is specified below and in the reports referred to under item 3.1. referenced to demonstrate the classification.

3. Reports and Results as principle of classification

3.1. Reports

Name of the laboratory ¹⁾	Name of sponsor	Report ref. No.	Test method and date Field of application rules and date
IBS	Ramsauer GmbH & Co KG Alte Bundesstraße 147 5350 Strobl	325033101-1	EN ISO 13823:2020
IBS	Ramsauer GmbH & Co KG Alte Bundesstraße 147 5350 Strobl	325033101-2	EN ISO 11925-2:2020

¹⁾ Name/address and notification number / status of testing laboratory:

- IBS: IBS - Institut für Brandschutztechnik und Sicherheitsforschung GmbH, Petzoldstraße 45, A-4020 Linz;
Notified body No: 1322

3.2. Results

Test method and test report number	Parameter	No. Tests	Results	
			Continuous parameters mean (m)	Compliance with parameters
EN 13823:2020 325033101-1-en	FIGRA _{0,2 MJ} [W/s]	3	0	consistent B: ≤ 125 W/s
	LFS (Flame spread along edge of specimen)		No	consistent < Edge of specimen
	THR _{600 s} [MJ]		0,55	consistent B: ≤ 7,5 MJ
	SMOGR _A [m ² /s ²]		0	consistent s1: ≤ 30 m ² /s ² & 50 m ²
	TSP _{600 s} [m ²]		16,0	
	Burning droplets/particles		No	consistent d0: no burning parti- cles/droplets within 600 s
EN ISO 11925-2:2020 325033101-2-en Application time 30s	Edge flame exposure F _s ≤ 150 mm	6	max. 100 mm	consistent F _s ≤ 150 mm
	Burning particles/droplets		No = d0	consistent
	Surface flame exposure F _s ≤ 150 mm	6	-	consistent F _s ≤ 150 mm
	Burning particles/droplets		No = d0	consistent

4. Classification and field of application

4.1. Reference of classification

This classification has been carried out in accordance with EN 13501-1:2018.

4.2. Classification

The product, "**600 Silikon Kleber**", in relation to its reaction to fire behaviour is classified:

B

The additional classification in relation to smoke production is:

s1

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

d0

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

Fire behaviour		Smoke production			Flaming droplets	
B	-	s	1	,	d	0

i.e.: **B-s1, d0**

Reaction to fire classification: B-s1, d0

4.3. Field of application

This classification is valid for the following product parameters:

- Product composition as tested (see test report chapter 3.1.).
- Application quantities $\leq 130 \text{ g/m}^2$, applied in uniform strip form.

This classification is valid for the following end use applications:

- For use as an adhesive in strip form on various substrates indoor and outdoor.

5. Limitations

This classification document does not represent type approval or certification of the product.

Used in combination with other building materials, with other air gaps/voids, types of fixation joints, thickness or density ranges, coatings than specified in the referencing test reports, the reaction to fire may be influenced negatively, so that the classification assigned in section 4.2 will no longer be valid.

The fire performance with other parameters than those specified above must be tested/verified separately.



6. Validity

The specifications for and evaluation of fire tests are subject to continuous development. This may result in changes in related legislation.

For these reasons, it is recommended that the user verifies the factual accuracy of test reports and classification reports that are older than **5 years**.

The test laboratory having issued these reports may, at the owner's request, carry out a review of the associated test methods or the classification basis to ensure compliance with current regulations and - if necessary - re-issue a report.

If there is no continuous verification of the reaction to fire by the manufacturer, this classification report will lose its validity in case of any change in the production process, the production environment, the raw materials or the suppliers of the components.

In general, the validity shall expire if the customer undertakes improper technical modifications to the construction product which exceed or fall below the composition values underlying this Classification Report (refer to the test reports)

Furthermore, the validity shall also expire following restrictive provisions of forthcoming European product standards.

**IBS-Institut für Brandschutztechnik und
Sicherheitsforschung Gesellschaft m.b.H.**

Akkreditierte Prüf-, Inspektions- und Zertifizierungsstelle

Roland BECK
Technician

Ing. Josef Stockinger
Authorized signatory