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Zulassungsstelle für Bauprodukte und Bauarten
Bautechnisches Prüfamt
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Authorised and notified according to Article 10 of the Council Directive of 21 December 1988 on the approximation of laws, regulations and administrative provisions of Member States relating to construction products (89/106/EEC)

Deutsches Institut für Bautechnik

DIBt

Mitglied der EOTA
Member of EOTA

European Technical Approval ETA-13/0270

English translation prepared by DIBt - Original version in German language

Handelsbezeichnung *Trade name*		Fugenfüll-System "Litaflex-Vario" *joint filling system "Litaflex-Vario"*
Zulassungsinhaber *Holder of approval*		Rex Industrie-Produkte Graf von Rex GmbH Großaltdorfer Straße 59 74541 Vellberg DEUTSCHLAND
Zulassungsgegenstand und Verwendungszweck *Generic type and use of construction product*		Linienförmige Fugenabdichtungen und Brandsperren *Linear Joint and Gap Seals*
Geltungsdauer: *Validity:*	vom *from* bis *to*	9 April 2013 9 April 2018
Herstellwerk *Manufacturing plant*		1

Diese Zulassung umfasst *This Approval contains*	15 Seiten einschließlich 7 Anhänge *15 pages including 7 annexes*

I LEGAL BASES AND GENERAL CONDITIONS

1 This European technical approval is issued by Deutsches Institut für Bautechnik in accordance with:

- Council Directive 89/106/EEC of 21 December 1988 on the approximation of laws, regulations and administrative provisions of Member States relating to construction products[1], modified by Council Directive 93/68/EEC[2] and Regulation (EC) N° 1882/2003 of the European Parliament and of the Council[3];
- *Gesetz über das In-Verkehr-Bringen von und den freien Warenverkehr mit Bauprodukten zur Umsetzung der Richtlinie 89/106/EWG des Rates vom 21. Dezember 1988 zur Angleichung der Rechts- und Verwaltungsvorschriften der Mitgliedstaaten über Bauprodukte und anderer Rechtsakte der Europäischen Gemeinschaften (Bauproduktengesetz - BauPG) vom 28. April 1998[4], as amended by Article 2 of the law of 8 November 2011[5];*
- Common Procedural Rules for Requesting, Preparing and the Granting of European technical approvals set out in the Annex to Commission Decision 94/23/EC[6];
- Guideline for European technical approval of "Fire Stopping and Fire Sealing Products - Part 3: Linear Joint and Gap Seals", ETAG 026-03.

2 Deutsches Institut für Bautechnik is authorized to check whether the provisions of this European technical approval are met. Checking may take place in the manufacturing plant. Nevertheless, the responsibility for the conformity of the products to the European technical approval and for their fitness for the intended use remains with the holder of the European technical approval.

3 This European technical approval is not to be transferred to manufacturers or agents of manufacturers other than those indicated on page 1, or manufacturing plants other than those indicated on page 1 of this European technical approval.

4 This European technical approval may be withdrawn by Deutsches Institut für Bautechnik, in particular pursuant to information by the Commission according to Article 5(1) of Council Directive 89/106/EEC.

5 Reproduction of this European technical approval including transmission by electronic means shall be in full. However, partial reproduction can be made with the written consent of Deutsches Institut für Bautechnik. In this case partial reproduction has to be designated as such. Texts and drawings of advertising brochures shall not contradict or misuse the European technical approval.

6 The European technical approval is issued by the approval body in its official language. This version corresponds fully to the version circulated within EOTA. Translations into other languages have to be designated as such.

1 Official Journal of the European Communities L 40, 11 February 1989, p. 12
2 Official Journal of the European Communities L 220, 30 August 1993, p. 1
3 Official Journal of the European Union L 284, 31 October 2003, p. 25
4 *Bundesgesetzblatt Teil I 1998*, p. 812
5 *Bundesgesetzblatt Teil I 2011*, p. 2178
6 Official Journal of the European Communities L 17, 20 January 1994, p. 34

II SPECIFIC CONDITIONS OF THE EUROPEAN TECHNICAL APPROVAL

1 Definition of the product and intended use

1.1 Definition of the construction product

This European technical approval applies for the joint filling system with the designation "Litaflex-Vario".

The joint filling system consists of a sealing element with the designation "Litaflex-Vario-Element"[7] and an adhesive with the designation litaflex-Kleber 800".

The components of the joint filling system shall comply with the details given in Annex 1.

The dimensions of the sealing elements shall comply with the details given in Annex 3.

1.2 Intended Use

1.2.1 General

The joint filling system "Litaflex-Vario" is used for sealing horizontal and vertical linear joints (structural joints such as linear butt joints)

- in or between fire-resistant separating wall constructions
- in or between fire-resistant separating floor constructions.

The joint filling system "Litaflex-Vario" is intended to maintain or reinstate the fire resistance performance of separating building elements where they are interrupted or separated by joints.

The maximum lateral stretching capability of the joint filling system "Litaflex-Vario" is 20 mm.

The joint filling system "Litaflex-Vario" is not intended for load transmission.

The joint filling system "Litaflex-Vario" may be used for sealing linear joints in or between the following separating building elements:

- rigid walls made of concrete, reinforced concrete or masonry with a minimum density 2400 kg/m³ ± 20 %
- rigid floors made of concrete or reinforced concrete with a minimum density 2400 kg/m³ ± 20 %.

The minimum thickness of the separating building elements shall be 150 mm.

The separating building elements shall be classified according to EN 13501-2 for the required fire resistance period.

For further details on fire resistant designs, see Annexes 2 and 3.

1.2.2 Use Category

The joint filling system "Litaflex-Vario" is intended for the following use categories according to ETAG 026-3:

Type Y_2: Products for linear joint seals intended for use at temperatures below 0 °C, but with no exposure to rain nor UV.

Type Z_1: intended for use in internal conditions with humidity equal to or higher than 85 % RH, excluding temperatures below 0 °C.

[7] Details of the material specifications and the manufacturing process are deposited with the Deutsches Institut für Bautechnik.

Type Z_2: intended for use in internal conditions with humidity lower than 85 % RH, excluding temperatures below 0 °C.

1.2.3 Working life

The provisions made in this European technical approval are based on an assumed working life of the joint filling system "Litaflex-Vario" of 25 years, provided that the conditions laid down in sections 4.2 /5.1/ 5.2 for the packaging/transport/storage/installation/use/maintenance/repair are met. The indications given on the working life cannot be interpreted as a guarantee given by the producer, but are to be regarded only as a means for choosing the right products in relation to the expected economically reasonable working life of the works.

2 Characteristics of the product and methods of verification

2.1 General

2.1.1 The assessment of fitness for use has been made in accordance with ETAG 026 Part 3.

For the evaluation of the joint filling system, the product properties "reaction to fire", "fire resistance", "emission of dangerous substances" and "durability and serviceability" were taken into consideration.

2.1.2 The product properties specified in sections 2.2 to 2.4 only apply to the joint filling system and its components described in this ETA. Deutsches Institut für Bautechnik shall be immediately notified of any changes to the materials, composition, dimensions or properties of these components. Deutsches Institut für Bautechnik will decide if a new evaluation is required.

2.2 Safety in case of fire

2.2.1 Reaction to fire

The sealing element "Litaflex-Vario-Element" corresponds to the requirements of class C-s1,d0 according to EN 13501-1.

2.2.2 Fire resistance

The joint filling system "Litaflex-Vario" has been tested in accordance with ETAG 026-3 and EN 1366-4 in combination with building elements according to section 1.2.1. For the fire resistance classified according to EN 13501-2, see Annex 3.

2.3 Emission of dangerous substances

The sealing element "Litaflex-Vario-Element" does not contain dangerous substances listed in EOTA TR 034 (edition February 2012).

The chemical composition of the sealing element has to be identical to the one which is deposited with the Deutsches Institut für Bautechnik.

Note: In addition to the specific clauses relating to dangerous substances contained in this European technical approval, there may be other requirements applicable to the products falling within its scope (e.g. transposed European legislation and national laws, regulations and administrative provisions). In order to meet the provisions of the Construction Products Directive, these requirements need also to be complied with, when and where they apply.

2.4 Durability and serviceability

The sealing element "Litaflex-Vario-Element" consists of mineral foam boards of the type "Litaflex SM 30" which are glued together, two layers of the intumescent material "Brandschutzpappe flaton VPG 12" and an outer covering with an aluminium foil.

Further properties of the materials and the chemical composition of the components are deposited with the Deutsches Institut für Bautechnik.

The joint filling system "Litaflex-Vario" can be exposed to temperatures below 0°C, but with no exposure to rain nor UV.

2.5 Additional components

For optional additional components, see section 4.2.3 and Annex 4.

Additional components stated in this European technical approval in the context of evaluating the fire resistance are not regulated by this approval and can therefore not bear the CE marking.

3 Evaluation and attestation of conformity and CE marking

3.1 System of attestation of conformity

According to the decision 1999/454/EC of the European Commission[8] and the amendment according to the Decision 2001/596/EC of the European Commission[9], system 1 of the attestation of conformity applies.

In addition, according to the Decision 2001/596/EC of the European Commission[9] system 3 of the attestation of conformity applies with regard to reaction to fire.

These systems of attestation of conformity are detailed as follows:

System 1: Certification of the conformity of the product by a notified certification body on the basis of:

(a) Tasks for the manufacturer:
  (1) factory production control;
  (2) further testing of samples taken at the factory by the manufacturer in accordance with a prescribed test plan;

(b) Tasks for the notified body:
  (3) initial type–testing of the product;
  (4) initial inspection of factory and of factory production control;
  (5) continuous surveillance, assessment and approval of factory production control.

System 3: Declaration of conformity of the product by the manufacturer on the basis of:

(a) Tasks for the manufacturer:
  (1) factory production control;

(b) Tasks for the notified body:
  (2) initial type-testing of the product.

3.2 Responsibilities

3.2.1 Tasks for the manufacturer

3.2.1.1 Factory production control

The manufacturer shall exercise permanent internal control of production. All the elements, requirements and provisions adopted by the manufacturer shall be documented in a systematic manner in the form of written policies and procedures, including records of results performed. This production control system shall insure that the product is in conformity with this European technical approval.

[8] Official Journal of the European Communities L 178/52 of 14/7/1999
[9] Official Journal of the European Communities L 209/33 of 2/8/2001

The manufacturer may only use raw and constituent materials stated in the technical documentation of this European technical approval.

The factory production control shall be in accordance with the control plan, which is part of the technical documentation of this European technical approval. The control plan is laid down in the context of the factory production control system operated by the manufacturer and deposited with Deutsches Institut für Bautechnik.[10]

The results of factory production control shall be recorded and evaluated in accordance with the provisions of the control plan. The records shall include at least the following information:

- name of the construction product or the constituent material and the components,
- type of control or test,
- date of production and testing of the construction product or the constituent material or components,
- result of controls and testings and, if appropriate, comparison with requirements,
- signature of person responsible for factory production control.

The records shall be archived for at least five years. They shall be submitted to the notified body responsible for continuous surveillance and Deutsches Institut für Bautechnik upon request.

If the test results are insufficient, the manufacturer shall take appropriate measures to rectify the shortcomings. Construction products which do not meet the requirements shall be treated such that they cannot be mistaken for products in compliance. After rectification of the shortcoming – where technically possible and required to verify rectification of the shortcoming – the test in question shall be repeated.

3.2.1.2 Other tasks for the manufacturer

The manufacturer shall, on the basis of a contract, involve a body which is notified for the tasks referred to in section 3.1 in the field of linear joint and gap seals in order to undertake the actions laid down in section 3.2.2. For this purpose, the control plan referred to in section 3.2.1.1 shall be handed over by the manufacturer to the notified body involved.

The manufacturer shall provide an installation instruction on every construction product according to this ETA containing at least the following information:

- type and properties (minimum thickness, density) and fire resistance of the building elements in which the joint filling system may be installed
- description or graphic presentation of the proper installation (choice of the sealing element depending on the type of the building elements, the intended fire resistance and the width of the joints)
- permitted surface finish

The manufacturer shall make a declaration of conformity, stating that the construction product is in conformity with the provisions of the European technical approval ETA-13/0270.

[10] The control plan is a confidential part of the European technical approval and only handed over to the notified body involved in the procedure of attestation of conformity. See section 3.2.2.

3.2.2 Tasks for the notified bodies

The notified body shall perform the following tasks in accordance with the provisions laid down in the control plan:

- initial type-testing of the product,
- initial inspection of factory and of factory production control,
- continuous surveillance, assessment and approval of factory production control according to the control plan

The notified body shall retain the essential points of its actions referred to above and state the results obtained and conclusions drawn in a written report.

The notified certification body involved by the manufacturer shall issue an EC certificate of conformity of the product stating the conformity with the provisions of this European technical approval.

In cases where the provisions of the European technical approval and its control plan are no longer fulfilled the certification body shall withdraw the certificate of conformity and inform Deutsches Institut für Bautechnik without delay.

3.3 CE marking

The CE marking shall be affixed on the product itself or the label attached to it or on the packaging or on the accompanying commercial document, e.g. the EC declaration of conformity. The letters "CE" shall be followed by the identification number of the notified certification body, where relevant, and be accompanied by the following additional information:

- the name and address of the manufacturer (legal entity responsible for the manufacture),
- the last two digits of the year in which the CE marking was affixed,
- the number of the EC certificate of conformity for the product
- the number of the European technical approval,
- the number of the guideline for European technical approval
- designation of the product (trade name)
- dimensions of the sealing element
- the use category (ies)

See ETA-13/0270 for other relevant characteristics.

For an example of the CE marking, see Annex 7.

4 Assumptions under which the fitness of the product for the intended use was favourably assessed

4.1 Manufacturing

The European technical approval is issued for the product on the basis of agreed data/information, deposited with Deutsches Institut für Bautechnik, which identifies the product that has been assessed and judged. Changes to the product or production process, which could result in this deposited data/information being incorrect, should be notified to Deutsches Institut für Bautechnik before the changes are introduced. Deutsches Institut für Bautechnik will decide whether or not such changes affect the approval and consequently the validity of the CE marking on the basis of the approval and if so whether further assessment or alterations to the approval shall be necessary.

4.2 Installation

4.2.1 General

The characteristics of the product characteristics specified in this European technical approval only apply if the joint filling system "Litaflex-Vario" is installed in accordance with the specifications in Annex 4 and the manufacturer's instructions of installation.

4.2.2 Processing of the sealing elements

The sealing element "Litaflex-Vario-Element" is to be cut with appropriate cutting tools. Appropriate measures shall be taken to protect the sealing element from damage. For further details follow the manufacturer's instructions.

4.2.3 Gluing of the sealing elements and installation of the joint filling system with additional construction products

For the gluing of the sealing element with "litaflex-Kleber 800" and the optional surface finish of the joints (e. g. with permanently elastic sealing compounds, coatings or coverings) follow the manufacturer's instructions.

Evaluation of the resistance to fire of the joint filling system that has been installed with additional construction products is not part of this European technical approval.

The reaction of fire of the sealing elements has not been verified when sealing elements are used with additional construction products.

5 Indications to the manufacturer

5.1 Packaging, transport and storage

The sealing element "Litaflex-Vario-Element" shall be protected from damage, weather exposure and detrimental effects of moisture by appropriate measures, e. g. by covering with foils.

For further details on packaging, transport and storage follow the manufacturer's instructions.

5.2 Use, maintenance, repair

5.2.1 The fire protection properties of joint sealing systems "Litaflex-Vario" shall not be affected by future changes to buildings or building elements.

5.2.2 The evaluation of serviceability is based on the assumption that any damage caused by impacts or contamination can be repaired by replacing and renewing damaged parts of the joint filling system.

5.2.3 Horizontal floor joints shall be protected from stepping or damaging by taking appropriate protective measures. For further details follow the manufacturer's instructions.

Evaluation of the fire resistance of joint filling systems using such protective measures is not part of this European technical approval.

Maja Tiemann
p. p. Head of Department

beglaubigt:
von Hoerschelmann

Deutsches Institut für Bautechnik DIBt

Components of the joint filling system "Litaflex-Vario"

Table 1.0

Name/Manufacturer	Description
Sealing element "Litaflex-Vario-Element" Rex Industrie-Produkte Graf von Rex GmbH 74541 Vellberg Germany	**"Litaflex SM 30"** The sealing element "Litaflex-Vario-Element" consists of one or more mineral foam boards of the type "Litaflex SM 30" which are glued together. The thickness of the boards or the glued boards depends on the thickness of the element (see Table 2.0). The chemical composition of the components is deposited with the Deutsches Institut für Bautechnik. **"Brandschutzpappe flaton VPG 12"** Two layers of the intumescent material "Brandschutzpappe flaton VPG 12" (without lamination), nominal thickness 2,5 mm, shall be arranged between the two layers of the foam boards. The chemical composition and the special properties (e. g. expansion ratio, expansion pressure and loss of mass on heating) are deposited with the Deutsches Institut für Bautechnik. **"aluminium foil"** The two foam boards are covered with an aluminium foil with a thickness of 0.05 mm.
"litaflex-Kleber 800" Rex Industrie-Produkte Graf von Rex GmbH 74541 Vellberg Germany	"litaflex-Kleber 800" is used for the gluing and fixing of the sealing elements. For further details see the technical data sheet of the manufacturer (Annex 6).

joint filling system "Litaflex-Vario"	Annex 1
Description of the components of the joint sealing system "Litaflex-Vario"	

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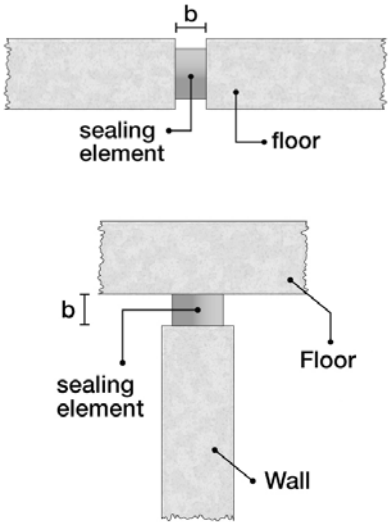
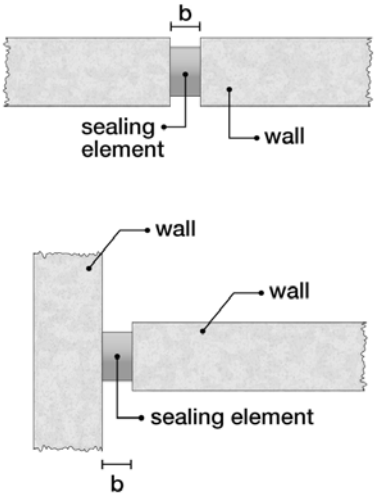
Installations using the joint filling system "Litaflex-Vario"

Table 1.1 provides an overview of the permitted applications of linear joint seals using the joint filling system "Litaflex-Vario".

Table 1.1

Application (A)	Application (B)
Horizontal joints in or between floors or between walls and floors	Vertical joints in or between walls
	

For the thickness of the sealing element, see Table 2.0 and the manufacturer's instructions.

joint filling system "Litaflex-Vario"	Annex 2
Overview of the permitted applications	

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Fire-resistant designs evaluated by this European technical approval

The joint filling system "Litaflex Vario" is used for sealing linear joints in or between the following separating building elements according to section 1.2.1:

- rigid walls
  - concrete, reinforced concrete or masonry with a minimum density 2400 kg/m³ ± 20 %
- rigid floors
  - concrete or reinforced concrete with a minimum density 2400 kg/m³ ± 20 %.

Table 2.0 provides an overview of the fire-resistant designs for the installation in rigid walls and rigid floors (application A und B according to Table 1.1).

Tabelle 2.0

thickness of the building element b [mm]	joint width [mm]	sealing element			classification fire resistance
		thickness* [mm]	height [mm]	length [mm]	
150	20	30	125	1000	EI 120-V-M100-F-W 20 EI 120-H-M100-F-W 20
	30	40			EI 120-V-M066-F-W 30 EI 120-H-M066-F-W 30
	40	50			EI 120-V-M050-F-W 40 EI 120-H-M050-F-W 40
	50	60			EI 120-V-M040-F-W 50 EI 120-H-M040-F-W 50
	60	70			EI 120-V-M033-F-W 60 EI 120-H-M033-F-W 60
	70	80			EI 120-V-M029-F-W 70 EI 120-H-M029-F-W 70
	80	95			EI 120-V-M025-F-W 80 EI 120-H-M025-F-W 80
	90	110			EI 120-V-M022-F-W 90 EI 120-H-M022-F-W 90
	100	120			EI 120-V-M020-F-W 100 EI 120-H-M020-F-W 100

* uncompressed

joint filling system "Litaflex-Vario"	Annex 3
Fire-resistant designs - Installation in rigid walls and floors with a minimum thickness of 150 mm and a minimum density of 2400 kg/m³ ± 20 % -	

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Installation of the joint filling system "Litaflex-Vario"

1. General

1.1 Before installing, all conditions are to be checked for compliance (e. g. type and thickness of the separating building elements, width of the joints) with the provisions of section 1.2 and Annexes 2 and 3.

1.2 It shall be ensured that the assumptions under which the fitness of the product for the intended use was evaluated are complied with (see Section 4).

2. Installation

2.1 Before installing the joint filling system, the joints are to be cleaned of any contamination such as loose fragments of building elements or remains of installation foams.

2.2 The inside surfaces of the building element are coated with the adhesive "litaflex-Kleber 800". Using two installation plates, the sealing element "Litaflex-Vario-Element" is pre-compressed to a thickness of 10 mm smaller than the joint width and is inserted into the joint. The butt joined sealing elements are completely glued together on their front sides by using "litaflex-Kleber 800".

2.3 During the construction phase, joints filled with the sealing element shall be protected against weather exposure and moisture by appropriate measures, e. g. by covering with foils.

2.4 The sealing element may be installed with suitable permanently elastic sealing compounds (e.g. "Sikaflex Pro 1FC"), coatings or coverings. For further details follow the manufacturer's instructions.

2.5 Apart from this, the specifications of the manufacturer's instructions of installation apply.

joint filling system "Litaflex-Vario"	Annex 4
Installation of the joint sealing system	

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List of reference documents

ETAG No 026-1 (Edition January 2008)
Guideline for European Technical Approval for Fire Stopping and Fire Sealing Products - Part 1: General

ETAG No 026-3 (Edition February 2008 and Progress File August 2011)
Guideline for European Technical Approval for Fire Stopping and Fire Sealing Products - Part 3: Linear joint and gap seals

EN 13501-1:2010-01	Fire classification of construction products and building elements - Part 1: Classification using data from reaction to fire tests
EN 13501-2:2010-02	Fire classification of construction products and building elements - Part 2: Classification using data from resistance tests, excluding ventilation services
EN ISO 11925-2:2011-02	Reaction to fire tests – Ignitability of products subjected to direct impingement of flame – Part 2: Single-flame source test (ISO 11925-2:2010)
EN 13823:2010-12	Reaction to fire tests for building products – Building products excluding floorings exposed to the thermal attack by a single burning item
EN 1363-1:2012-10	Fire resistance tests – Part 1: General requirements
EN 1366-4:2010-08	Fire resistance tests for service installations – Part 4: Linear joint seals
EN 13162:2009-02	Thermal insulation products for buildings – Factory made mineral wool (MW) products – Specification

joint filling system "Litaflex-Vario"	Annex 5
Reference documents	

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Isolierprodukte

litaflex-Kleber 800

rex
Sichere Produkte
Sichere Zukunft

Information

Anwendungsbereich: Der Kleber 800 wurde speziell für die Verklebung des nichtbrennbaren Schaumstoffes litaflex auf Beton entwickelt. Auch für andere temperaturbeständige Produkte aus Mineralfasern, Kalziumsilikat usw. geeignet.

Eigenschaften: Gelbliche Flüssigkeit, nichtbrennbar, frei von organischen Lösungsmitteln, streichbare Konsistenz, mischbar mit Wasser, temperaturbeständig bis 800 °C. Nach Abbindung bedingt wasserbeständig bei kurzfristiger Belastung. Für Dauereinsatz bei hoher Luftfeuchtigkeit nicht geeignet.

Verarbeitungs-hinweise: Der vorgesehene Untergrund muß sauber und frei von Staub, losem Rost und Fett sein. litaflex-Kleber 800 muß vor der Verarbeitung kräftig aufgerührt werden. Einseitiger Auftrag mit Pinsel oder Walze auf Untergrund oder litaflex; Zusammenfügen und Andrücken unmittelbar nach Auftrag. Überschüssigen Kleber sofort mit Wasser entfernen, da nach dem Aushärten eine Säuberung nur bedingt möglich ist.

Antrocknung: 5 - 10 min, Durchtrocknung: 6 - 8 Stunden, Abbindung: 6 - 8 Tage.
Verkürzung der Trocknungs- und Abbindezeit durch Wärmezufuhr bis 100 °C.
Bedarf: ca. 200 g/m², abhängig von der Beschaffenheit des Untergrundes.

Lagerhinweise: litaflex-Kleber 800 ist frostfrei zu lagern.
Haltbarkeit mind. 12 Monate.
Gefahrenklasse nach VbF: keine (nicht entflammbar).

Lieferform: Gebinde mit 3 kg, 8,5 kg, 17 kg und 29 kg Nettoinhalt.
Preise entnehmen Sie bitte der jeweils gültigen litaflex-Preisliste.

Prüfungen: Low flame spread – Test (für Schiffbau) nach
- IMO Res. MSC 61(67) Anhang 1 Teil 5 und Anhang 2
- SOLAS Convention Chap. II-2 of 1974
- RINA Rules Chap. 4 of Part C

Die Aussagen, Angaben und Daten unserer Informationen erfolgen nach bestem Wissen, wurden, soweit möglich, durch Versuche ermittelt und gelten als unverbindliche Beratung. Wir empfehlen, in Zweifelsfällen einen den örtlichen Verhältnissen angepassten Test durchzuführen. Im übrigen stehen die Mitarbeiter unserer Bereiche Verkauf und Entwicklung jederzeit beratend zu Ihrer Verfügung.

72 019D 0602

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joint filling system "Litaflex-Vario"	Annex 6
Technical documentation – "litaflex-Kleber 800"	

Deutsches Institut für Bautechnik DIBt

CE	"CE" marking
xxxx	Identification number of notified certification body
Rex Industrie-Produkte Graf von Rex GmbH Großaltdorfer Straße 59 74541 Vellberg Deutschland	Name and address of the producer (legal entity responsible for the manufacturer)
xx	Two last digits of year of affixing CE marking.
xxxx-CPD-xxxx	Number of EC certificate of conformity
ETA-13/0270	ETA number
ETAG 026 Part 3	ETAG number
Linear Joint and Gap Seals	Linear Joint and Gap Seals
Joint filling system "Litaflex-Vario"	Designation of the product (trade name)
sealing element "Litaflex-Vario-Element" dimensions	Designation of the component (trade name) Dimensions
use category (ies) Type Y_2, Z_1, Z_2	use category (ies)

See ETA-13/0270 for other relevant characteristics (i.e. fire resistance class, dangerous substances)

joint filling system "Litaflex-Vario"	Annex 7
Example of CE marking	