



## Covenant K101027/02



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Replaces K101027/01

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## Compliance of product compositions to EU RoHS legislation

### STATEMENT BY KIWA

With this Covenant, issued in accordance with the Kiwa Regulations for Certification, Kiwa declares that legitimate confidence exists that the products supplied by

### Beele Engineering

as specified in this product certificate and marked with the Kiwa®-mark in the manner as indicated in this product certificate may, on delivery, be relied upon to comply with Kiwa Covenant manual K15013 dated April 2018.

Ron Scheepers  
Kiwa

*Publication of this certificate is allowed.*

*Advice: consult [www.kiwa.nl](http://www.kiwa.nl) in order to ensure that this certificate is still valid.*

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COVENANT

## Compliance of product compositions to EU RoHS legislation

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### **Preface**

This Kiwa Covenant has been prepared by the Technical Committee “Sealing products” of Kiwa Nederland B.V. and accepted by the Kiwa Committee of Covenant (KCC). The KCC also supervises the certification activities and where necessary requires the Kiwa Covenant to be revised.

This Kiwa Covenant will be used by Kiwa in conjunction with the Kiwa-Regulations for Certification. This regulation details the method employed by Kiwa for conducting the necessary investigations prior to issuing the product certificate and the method of external control. The inspection frequency is determined by the above mentioned Technical Committee and Kiwa Committee of Covenant.

## Compliance of product compositions to EU RoHS legislation

## 1. Scope of the Covenant

Rubber products, sealants and coatings for applications in products, installations and equipment that have to comply to the EU legislation for Restriction of Hazardous Substances in Electric and Electronic Equipment (RoHS). The certification is restricted to compliance to the maximum allowed concentration values of restricted substances according to Annex II of EU Directive 2011/65), the Commission Delegated EU Directive 2015/863 (amending Annex II) and the EU Directive 2017/2102 (amending EU Directive 2011/65), also indicated as RoHS 2.

Table 1. Certified products

Materials	Products
<b>Rubbers</b>	
NOFIRNO rubber Red, white, blue, grey, black	<ul style="list-style-type: none"> <li>• SLIPSIL sealing plugs</li> <li>• DYNATITE sealing plugs</li> <li>• NOFIRNO filler sleeves and cable sleeves</li> <li>• NOFIRNO gaskets</li> <li>• Vulcanized rubber products of any dimensions manufactured from NOFIRNO rubber</li> </ul>
CET-A-SIL rubber Blue	<ul style="list-style-type: none"> <li>• CET-A-SIL sealing plugs</li> <li>• CET-A-SIL gaskets</li> <li>• Vulcanized rubber products of any dimensions manufactured from CET-A-SIL rubber</li> </ul>
CONTROFIL rubber Blue	<ul style="list-style-type: none"> <li>• CONTROFIL blocks</li> <li>• CONTROFIL filler and cable sleeves</li> <li>• Vulcanized rubber products of any dimensions manufactured from CONTROFIL rubber</li> </ul>
RISE rubber Black	<ul style="list-style-type: none"> <li>• RISE filler and cable sleeves</li> <li>• RISE strips</li> <li>• Rubber products of any dimensions manufactured from RISE rubber</li> </ul>
RISE/ULTRA rubber Black	<ul style="list-style-type: none"> <li>• CRUSHER plugs</li> <li>• RISE/ULTRA strips</li> <li>• Rubber products of any dimensions manufactured from RISE/ULTRA rubber</li> </ul>
ACTIFOAM rubber Blue	<ul style="list-style-type: none"> <li>• ACTIFOAM plates</li> <li>• ACTIFOAM / RISE/ULTRA sandwich plates</li> </ul>
FYLLOFOAM rubber Green	<ul style="list-style-type: none"> <li>• FYLLOFOAM plates</li> <li>• FYLLOFOAM strips</li> <li>• Vulcanized rubber products of any dimensions manufactured from FYLLOFOAM rubber</li> </ul>
AQUASTOP rubber White	<ul style="list-style-type: none"> <li>• Kneadable rubber compound</li> </ul>
FIRAQUA rubber Green	<ul style="list-style-type: none"> <li>• Kneadable rubber compound</li> </ul>
<b>Sealants</b>	
	<ul style="list-style-type: none"> <li>• NOFIRNO sealant – red, white, blue, grey, black</li> <li>• FIWA sealant – black</li> </ul>
<b>Coatings</b>	
	<ul style="list-style-type: none"> <li>• FISSIC coating</li> </ul>
<b>Insulation materials</b>	
FYLLOFYS	<ul style="list-style-type: none"> <li>• FYLLOFYS products of any dimensions from FYLLOFYS material</li> </ul>

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## 2. Initial product assessment

### 2.1. Restricted substances

The compositions of the materials are assessed on the presence and concentrations of restricted substances by evaluation of the formulations of the compounds and formulations of all used raw materials. The restricted substances and their maximum tolerated concentration in homogeneous materials according to Annex II of the Directives referred to in clause 1 are listed in table 2.

**Table 2. List of restricted substances according to RoHS 2 legislation**

Restricted substance	Maximum concentration [weight %]
Lead	0,1
Mercury	0,1
Cadmium	0,01
Hexavalent chromium	0,1
Polybrominated biphenyls (PBB)	0,1
Polybrominated diphenyl ethers (PBDE)	0,1
Bis(2-ethylhexyl) phthalate (DEHP)	0,1
Butyl benzyl phthalate (BBP)	0,1
Dibutyl phthalate (DBP)	0,1
Diisobutyl phthalate (DIBP)	0,1

All evaluated formulations of the materials listed in table 1 did not contain any of the restricted substances at or above the maximum tolerated concentration.

The listed materials in this Covenant meet the requirements according to Annex II of the EU RoHS legislation.

### 2.2. Initial factory production audit

All materials and products within this Covenant are being manufactured in Aalten, The Netherlands.

An initial factory inspection has been carried out to control on:

- Material formulations used in production
- Use of other substances and their compositions that could come into contact with the listed materials and products
- Risks for contamination of listed materials and products by restricted substances

The factory production environment is compliant to the RoHS requirements.

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**3. Quality system requirements****3.1. General**

This chapter contains the requirements that have to be fulfilled by the manufacturer's quality system.

**3.2. Manager of the quality system**

Within the manufacturer's organisational structure an employee must be appointed who is in charge of managing the quality system.

**3.3. Internal quality control/quality plan**

As part of the quality system the manufacturer must implement an internal quality control schedule (IQC-scheme).

In this IQC-scheme the following must be demonstrably recorded:

- which aspects are inspected by the manufacturer;
- according to which methods these inspections are carried out;
- how often these inspections are carried out;
- how the inspection results are registered and stored.

The ICQ-schedule must be detailed in such a way that it provides Kiwa sufficient confidence that requirements will be continuously fulfilled.

**3.4. Procedures and work instructions**

The manufacturer must be able to submit:

- procedures for:
  - the handling of non-conforming products;
  - corrective actions in case non-conformities are found;
  - the handling of complaints regarding the products and / or services supplied;
- the work instructions and inspection sheets in use.
- instructions for packaging and closing off of products during storage and transport.

**3.5. External inspection**

The manufacturer's quality system shall be assessed by Kiwa with regard to at least the aspects mentioned in the Kiwa-Regulations for Product Certification.

The Kiwa Committee Covenant will determine the inspection frequency. At the time of validation of this Covenant this frequency has been fixed at 2 inspection visits per year.

**3.6. Sanction policy**

The sanction policy and the weighing of the non-conformities is available through the service page on the website of Kiwa.

**3.7. Quality control of products**

All purchased raw materials that are used in the formulations of the materials and products listed in this Covenant shall be routinely controlled on their content with respect to the presence of restricted substances.

The same applies to any materials and products that come or possibly come in contact with materials and products listed in this Covenant or could possibly contaminate them.

The quality control aspects are checked during the inspection visits by Kiwa.

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### 4. Marking

The following marks and indications must be provided on each product or product packaging in a clear, legible and indelible way:

- The name of manufacturer or the deposited trade mark;
- For rubber products: the batch number;
- For sealants: the batch number and expiry date.

### 5. Recommendations for customers

Check at the time of deliver whether:

- the supplier has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport etc.

If you should reject a product on the basis of the above, please contact:  
Beele Engineering B.V.

And, if necessary,  
Kiwa Nederland B.V.

Consult the suppliers processing guidelines for the proper storage and transport methods.  
Consult the suppliers installation guidelines.