



KOMO®  
Product certificate  
K-0209131-1



Issued	2023-02-08	Replaces	--
Valid until	Indefinite	Dated	--
Page	1 of 2		

**Prestressing steel: wire**

**THE SIAM INDUSTRIAL WIRE CO., LTD**

STATEMENT BY KIWA

This product certificate is based on BRL 2401 "Voorspanstaal" dated 19 February 2018, issued according to the Kiwa-Regulation for Certification.

The quality system and the product characteristics of this product are checked periodically. Based on this, **Kiwa declares that** there is legitimate confidence that:

Upon delivery, the product supplied by the certificate holder meets the requirements:

- Of the technical specifications laid down in this product certificate,
- The product requirements laid down in this product certificate and in the BRL.

Provided the product is accompanied by the KOMO® quality mark in the manner set out in this product certificate.

Ron Scheepers  
Kiwa

*This product certificate is also included on the KOMO foundation websites: [www.komo.nl](http://www.komo.nl) and [www.komo-online.nl](http://www.komo-online.nl).  
Users of this product certificate is advised to check whether it is still valid. For this purpose consult the website of Kiwa: [www.kiwa.nl](http://www.kiwa.nl).*

Kiwa Nederland B.V.  
Sir Winston Churchilllaan 273  
Postbus 70  
2280 AB RIJSWIJK  
The Netherlands  
Tel. +31 88 998 44 00  
Fax +31 88 998 44 20  
[info@kiwa.nl](mailto:info@kiwa.nl)  
[www.kiwa.nl](http://www.kiwa.nl)

**Certificate holder**  
THE SIAM INDUSTRIAL WIRE CO., LTD.  
Rasa Tower 1 14th floor  
555 Phaholyothin Road, Chatuchak  
10900 BANGKOK, Thailand  
Tel. +662-9370060-67  
<http://www.siw.co.th/index.php/home>.



Assessed is:  
• Quality system  
• Product  
Periodic control

## Prestressing steel: wire

### IN1 TECHNICAL SPECIFICATION

This product certificate relates to the product characteristics of prestressing steel to be used as prestressing reinforcement in concrete structures. The following products are covered by this product certificate:

#### Prestressing wire

Product designation according NEN 3868	European product designation according FprEN10138 (*)
voerspandraad NEN 3868:2001, FeP 1770-4-E	Y1770C-4,0-R1-F2-C1
voerspandraad NEN 3868:2001, FeP 1770-4-I	Y1770C-4,0-T1-R1-F2-C1
voerspandraad NEN 3868:2001, FeP 1770-5-E	Y1770C-5,0-R1-F2-C1
voerspandraad NEN 3868:2001, FeP 1770-5-I	Y1770C-5,0-T1-R1-F2-C1
voerspandraad NEN 3868:2001, FeP 1670-6-E	Y1670C-6,0-R1-F2-C1
voerspandraad NEN 3868:2001, FeP 1670-6-I	Y1670C-6,0-T1-R1-F2-C1
voerspandraad NEN 3868:2001, FeP 1670-7-E	Y1670C-7,0-R1-F2-C1
voerspandraad NEN 3868:2001, FeP 1670-7-I	Y1670C-7,0-T1-R1-F2-C1
voerspandraad NEN 3868:2001, FeP 1670-8-E	Y1670C-8,0-R1-F2-C1
voerspandraad NEN 3868:2001, FeP 1670-8-I	Y1670C-8,0-T1-R1-F2-C1

(\*) the standard is not mentioned in this European designation as there is no surveillance carried out in the context of CE marking for this certificate.

### 2 QUALITY MARK AND INDICATIONS PLACED ON THE PRODUCTS

The products are marked with a label with upon it at least on a clear and indelible way:

- the KOMO®-logo and the certificate number, figure 1;
- the type of prestressing steel;
- product designation according NEN3868;
- product designation according FprEN10138 (if applicable);
- a unique ring/coil/bundle-number;
- name certificate holder;
- weight of the ring/coil/bundle.



**K-0209131**

Figure 1

Place of the label: at least one label per ring/coil or bundle.

### 3 PRODUCT CHARACTERISTICS

The product meets the product characteristics as laid down in BRL2401.

### 4 TIPS FOR THE USER

Check at the time of delivery 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:

- The Siam Industrial Wire Co., Ltd
- and, if necessary,
- Kiwa Nederland B.V.

For proper storage, transport and processing follow NEN 3868 par. 8.4, CUR-aanbeveling 2 and the corresponding instructions from the certificate holder.

### 4 DOCUMENT LIST

NEN 3868	Voorspanstaal
CUR-aanbeveling 2	Voorspanstaal en voorspansystemen, bescherming en verwerking
FprEN10138 series	Prestressing steels

\* For the actual version of the standards see the latest revision or amendment sheet of BRL 2401.