



Product certificate K45609/06

Issued 2024-02-01

Replaces K45609/05

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Reinforced plasticized polyvinylchloride (PVC-P) membranes.

STATEMENT BY KIWA

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

SIOEN Industries

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 evaluation guideline BRL-K519 "Plasticized polyvinylchloride (PVC-P) membranes, with or without reinforcement" dated June 21, 2019.

Ron Scheepers
Kiwa

Publication of the certificate is allowed.

Advice: consult www.kiwa.nl in order to ensure that this certificate is still valid.

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Certification process
consists of initial and
regular assessment of:

- quality system
- product

Reinforced plasticized polyvinylchloride (PVC-P) membranes

PRODUCT SPECIFICATION

General

Reinforced plasticized polyvinylchloride (PVC-P) membranes, in accordance with evaluation guideline BRL-K519 "Plasticized polyvinylchloride (PVC-P) membranes, with or without reinforcement".

Further specification

The types and thicknesses, as indicated in undermentioned table, belong to this certificate.

Type	Sort	Application	Minimum a) tensile strength (N/50 mm)	Minimum a) tear resistance (N)	Indicative			
					Colour	Maximum width (m)	Nominal weight (g/m ²)	Total thickness (mm)
Sioline B 9060 (7264)	UV, MB	(1,2,3)	1800 (M2.)	300 (M.2)	Grey	3,30	900	0,7
Sioline B 9060 (6225)	UV, MB	(1,2,3)	1800 (M2.)	300 (M.2)	Light- green	3,30	900	0,7
Sioline B 9060 (6158)	UV, MB	(1,2,3)	1800 (M2.)	300 (M.2)	Dark- green	3,30	900	0,7
Sioline B 6060 (7264)	UV, MB	(1,2,3)	3500 (M3.)	500 (M.3)	Grey	3,30	1150	0,93
Sioline B 6060 (6225)	UV, MB	(1,2,3)	3500 (M3.)	500 (M.3)	Light- green	3,30	1150	0,93
Sioline B 6060 (6158)	UV, MB	(1,2,3)	3500 (M3.)	500 (M.3)	Dark- green	3,30	1150	0,93

- a) Minimum value per specimen. In the code mechanical properties "M < number > < number > ", as compulsory indication on the membrane with reinforcement, the numbers respectively indicate the tensile strength and tear resistance-group, according to the paragraphs 4.4.8.2 en 4.4.14.2 of evaluation guideline BRL-K519.
- b) Color combinations for top and bottom layer may be applied according colors mentioned in above table.

Sort

- Membrane type MB: suitable for storage of (animal) manure;
- Membrane type UV: suitable for non-covered applications.

Application

The products are intended to be used in the following situations;

1. Storage of (animal) manure;
2. Protection of the environment;
3. Roads and hydraulic applications.

Refer in all cases to paragraph 1.2 "area of application" of BRL-K519 for the possible applications per foil type and thickness.

Reinforced plasticized polyvinylchloride (PVC-P) membranes

MARKING

The products are marked with the Kiwa-mark.

Marking method: imprint.

Position of the mark: on the membrane at least once every 2 m, and on the packing per roll.

Compulsory specifications:

- word mark Kiwa;
- trade name or registered trademark;
- production code;
- PVC-P;
- type of membrane;
- batch number;
- Effective membrane thickness.

RECOMMENDATIONS FOR CUSTOMERS

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:

- SIOEN Industries
- and, if necessary,
- Kiwa Nederland B.V.

For the correct method of storage, transport and handling, please refer to the processing instructions of the certificate holder.