



Product certificate K5142/09

Issued 2021-09-01

Replaces K5142/08

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Non-reinforced polyethylene sheeting for high risk applications

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

Solmax Geosynthetics GmbH

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 K538 "Non-reinforced polyethylene sheeting for high risk applications" dated October 5, 2020.

Ron Scheepers
Kiwa

Publication of this 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

Non-reinforced polyethylene sheeting for high risk applications

PRODUCT SPECIFICATION

General

Non-reinforced polyethylene sheeting for high risk applications.

Further specification

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

Trade name and type casting manufacturer	Type of geomembrane	Effective thickness in mm						
		0,5	0,8	1,0	1,2	1,5	2,0	2,5
HD KIWA K5142, Black Smooth	MB + UV			X		X	X	
HD KIWA K5142, Black FrictionFlex	MB + UV					X	X	
HD KIWA K5142, Black FrictionFlex Single Sided	MB + UV					X	X	

APPLICATION AND USE

The products are intended to be used for the following purposes:

- storage and barrier for water;
- separation and storage of aqueous media containing anorganic components;
- separation and storage of media containing mineral oil;
- bottom and top sealing of landfills for domestic and industrial waste;
- storage of manure, when applied as basin or as top cover type UV.

In all cases consult paragraph 1.2 'application and use' of BRL-K538 for the use per foil type and foil thickness.

MARKS

Obligated: The foil must be marked as follows:

- word mark Kiwa;
- type of membrane;
- trade name or registered trademark;
- material type;
- thickness of the membrane;
- charge number or production date (or code);
- Optional: the marking 'BRL K538'.

Marking by: relief mark on the membrane and on the packaging with indelible ink.

Positioning: on the membrane at least 1 x per 2 m and on the packaging per roll.

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:

- Solmax Geosynthetics GmbH
- and, if necessary,
- Kiwa Nederland B.V.

Consult the supplier's processing guidelines for the proper storage and transport methods.