

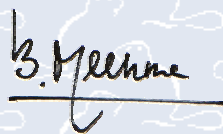
Number	K26085/05	Replaces	K26085/04
Issued	2009-12-15	Dated	207-11-02

Product Certificate with Technical Approval
Tanks equipped with a spill container made from rotational moulded polyethylene

Based on pre-certification tests as well as periodic inspections by Kiwa, the products referred to in this certificate and marked with the Kiwa-mark as indicated under 'Marking', manufactured by

Kingspan Environmental

may, on delivery, be relied upon to comply with the Kiwa audit guideline BRL-K21002/01d.d. 2005-12-22 "Tanks equipped with a spill container made from rotational moulded polyethylene (PE) for the above ground storage of diesel and heating oil with a flash point greater than 55°C".



Bouke Meekma
Director Kiwa N.V.

This certificate is issued in accordance with the Kiwa-Regulations for Product Certification.

This certificate consists of 3 pages.
Publication of the certificate is allowed.

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PRODUCT SPECIFICATION

BT 600 tank with spill container	R 1000 tank with spill container	OTB 1500
BT 200 tank with spill container	R 1225 tank with spill container	OTB 1500
BT 1100 tank with spill container	R 1500 tank with spill container	OTB 1500
BT 1300 tank with spill container	V 5000 tank with spill container	
BT 2500 tank with spill container		
BT 3500 tank with spill container		The tanks have no qualification in the reaction to fire
BT 5000 tank with spill container		Offset filling is allowed.
FM 1300 tank with spill container		
FM 2500 tank with spill container		
FM 3500 tank with spill container		
FM 5000 tank with spill container		

APPLICATION AND USE

The tanks are designed for storage of diesel fuels and domestic heating oil with a flash point greater than 55°Celsius. Above ground installation. Atmospheric pressure. Maximum volume capacity 5000 litre. Maximum filling capacity = 95% of the brimful capacity. The tanks are not designed for storage in a battery arrangement. The spill containers are designed for secondary containment of diesel fuels and domestic heating oil with a flash point greater than 55°Celsius. Above ground installation. Atmospheric pressure. 110% of the maximum volume of the tank. Waste and lubrications oils specified in the guideline under paragraph 4.2.7 can also be stored in these tanks.

The tanks and spill containers are rotational moulded from polyethylene (PE).

All tanks shall be installed with a secondary containment for retaining fluids.

When no approved construction on site fulfils this function, a spill container as describes in this guideline shall be used.

The approval of the construction on site is the responsibility of the certification body for the installation, or the local authorities.

The tank manufacturer is responsible for the correct functioning of the tank and spill container as a combined unit. The operation of the combined unit shall be documented and approved by the manufacturer of the tank.

The product certificate with technical approval is only applicable if the requirements mentioned in paragraph 4.4 of the guideline are fulfilled.

These are:

Installation and user instructions

The manufacturer shall provide proper written installation and user instructions in the language of the country that the tank is to be installed and used in. These instructions shall refer to compliance with national pollution prevention regulations on the storage of fuels. National regulations can stipulate provisions for prevention of impact to the tank and spill container, overfilling and anti siphon devices. They shall furthermore refer to compliance to national regulations on the storage of flammable liquids in or near buildings. The manufacturer shall approve the installer of the tank. National regulations can stipulate that installation be carried out by certified installers. Guideline BRL-K636 gives requirements for the productions of overfill prevention devices. Guideline BRL-K916 gives requirements for the production of anti siphon devices. Guideline BRL-K903 gives requirements for process of the installation of tanks and appendages. Guideline BRL-K910 for the product certificates for leak detection systems for the storage and/or transport of products in the liquid phase or gas phase.

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Documentation

Every PE-tank / spill container shall be supplied with at least the following documents:

Installation / user instructions in the language of the country, which it is to be installed and used in. The certification body shall approve these instructions. A unique tank / spill container certificate with the approval of the certification body in relation to the product certificate with technical approval.

Note.

Products with a flash point greater than 55 degrees Celsius other than diesel fuels and heating oil, may be approved by the certification body. This shall be documented and included in the product certificate with technical approval.

MARKING

The products are marked with the Kiwa-mark

Place of the mark:

Each PE-tank and spill container shall be indelibly marked.

Compulsory specifications

Manufacturers name and trade mark

Certification mark

Serial number of the tank and spill container, year of manufacture

Maximum volume in litre's

Specific use storage of fluids

Method of marking:

- Non-erasable;
 - Good visibility
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RECOMMENDATIONS FOR CUSTOMERS:

1. Check at the time of delivery whether:
 - 1.1 the producer has delivery in accordance with the agreement;
 - 1.2 the mark and the marking method are correct;
 - 1.3 the products show no visible defects as a result of transport etc.
 2. If you should reject a product on the basis of the above, please contact:
 - 2.1 Kingspan Environmental
and, if necessary,
 - 2.2 Kiwa N.V.
 3. Consult the producer's processing guidelines for the proper storage and transport methods.
 4. Check whether this certificate is still valid by consulting the Kiwa side www.kiwa.nl
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