

1. SCOPE

This schedule specifies the product characteristics for the Nordisk TX11 Rat Blocker as supplied by Nordisk Innovation Ltd. The Nordisk TX11 Rat Blocker is a device to prevent the access of rodents into a property via the drainage network.

2. PRODUCT DESCRIPTION

2.1 Introduction

The Nordisk TX11 Rat Blocker consists of a stainless-steel U shape insert containing 2 unidirectional, hinged flap plates that opens from the discharge from a property.

The device is assembled from fabricated stainless-steel components in a nominal diameter range of 82mm to 250mm and can be installed in clay, plastic concrete and metallic pipes, including CIPP lined pipes.

The Nordisk TX11 Rat Blocker is installed when the U shape insert is positioned within the host pipe and is mechanically expanded by the use of an extension tool so that the insert compresses against the host pipe wall and held in position at the outfall end of the host pipe. Installation is performed from the surface. The unit can be configured for installation into either a pipe inlet or outfall (within the inspection chamber).

The Nordisk TX11 Rat Blocker is available with an optional locking mechanism that prevents rodents opening the flaps from the downstream drain.

The Nordisk TX11 Rat Blocker is manufactured by Nordisk Innovation of Denmark.

2.2 Applicable standards

Performance: the following relevant standards were identified for:

- BS EN 752:2017⁽¹⁾.

Materials: The materials used shall comply with:

- EN 10088-1:Part 1:2014⁽²⁾ List of stainless steels
- EN 10088-4: Part 4:2009⁽³⁾ Stainless Steels

2.3 Approval History

The Nordisk TX11 Rat Blocker was originally awarded WRc Approved™ certification in March 2020:

- PT/453/0320

This is the first re-approval of this product.

3. REQUIREMENTS AND TESTING

3.1 Type Testing

The Nordisk TX11 Rat Blocker shall comply with the following test requirements:

Materials: The materials of the steel fitting sleeve and flaps shall meet the requirements of: Stainless steel grade 1.4571 to BS EN 10088-1:2014 and BS EN 10088-4:2009.

Appearance: The internal surface of the Nordisk TX11 Rat Blocker shall be smooth, clean and free from scoring, and other surface defects that would prevent the Nordisk TX11 Rat Blocker from meeting the general fitness for purpose requirement.

PT/543/0325 (March 2025)

**Assessment Schedule for Nordisk TX11
Rat Blocker as supplied by Nordisk
Innovation Ltd**



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Serviceability: The locking mechanism shall be wholly contained in the upper quarter of the circumference of the pipe.

3.2 Product Design

The Nordisk TX11 Rat Blocker system shall be designed so that individual components do not cause ragging up or blockages to the host pipe.

3.3 Manufacture

To ensure the quality and performance of the Nordisk TX11 Rat Blocker the manufacturing process shall include appropriate systems for the:

- Specification of component materials;
- Verification component materials received are to specification;
- Handling and storage of all component materials and finished units;
- Detailed drawing / schedule for manufacture;
- Manufacture / assembly of Nordisk TX11 Rat Blocker; and
- Fabrication and quality control of workmanship.

The production of the Nordisk TX11 Rat Blocker and related quality control procedures shall comply with requirements to ensure the stated performance of the product is reliably achieved.

3.4 Installation

When installed in accordance with the installation documentation⁽⁴⁾, the Nordisk TX11 Rat Blocker shall be reasonably expected to perform as described.

The Nordisk TX11 Rat Blocker is considered to be a temporary installation and can be removed for maintenance of the device or for access to the pipe.

4. APPROVAL

The Nordisk TX11 Rat Blocker has been audited and successfully met all the requirements stated within this assessment schedule

Signed:

A handwritten signature in black ink, appearing to be 'G.L.' followed by a horizontal line.

Valid until 2nd March 2030.

5. REFERENCES

1. BS EN 752:2017 Drain and sewer systems outside buildings - Sewer system management.
2. EN 10088-1:2023 List of stainless steels (Steel sleeve).
3. EN 10088-4:2009: Stainless steels. Technical delivery conditions for sheet/plate and strip of corrosion resisting steels for construction purposes.
4. Rat Blocker TX11 Installation Manual.