

## 1. SCOPE

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

## 2. PRODUCT DESCRIPTION

### 2.1 Introduction

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

The device is assembled from fabricated stainless steel components in 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 manufactured by Nordisk Innovation of Denmark.

### 2.2 Relevant Standards

Performance: the following relevant standards were identified for:

- BS EN 752:2017<sup>(1)</sup>: - Drain and sewer systems outside buildings - Sewer system management

Materials: The materials used shall comply with:

- EN 10088-1:Part 1:2014<sup>(2)</sup> (steel Sleeve)
- EN 10088-4: Part 4:2009<sup>(3)</sup> (technical delivery conditions for steel)

### 2.3 Approval History

This is the first approval of the Nordisk TX11 Rat Blocker.

## 3. TESTING AND REQUIREMENTS

### 3.1 Type Testing

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

Materials: The materials of the steel sleeve and locking mechanism 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.

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

The double flat valve mechanism shall not initiate a blockage by snagging of typical flushed waste items.

**PT/453/0320 - AS (March 2020)**

**Assessment Schedule for the Nordisk TX11  
Rat Blocker as supplied by Metex Online  
Ltd.**



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**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:

- Verification of component materials received are to specification
- Handling and storage of all component materials and finished units
- Records of component materials
- Detailed drawings for the Nordisk TX11 Rat Blocker
- Fabrication and assembly the of Nordisk TX11 Rat Blocker
- Inspection of the Nordisk TX11 Rat Blocker

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 and maintenance**

When installed in accordance with the installation documentation, the installation shall be practicable and suitable for conditions that could reasonably be expected on site.

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 as supplied by Metex Online Ltd. has been audited and has successfully met all the requirements stated within this assessment schedule.

Signed: 

Valid until: March 2025

**5. REFERENCES**

- 1) BS EN 752:2017 Drain and sewer systems outside buildings - Sewer system management
- 2) EN 10088-1:2014 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