

**SANITARY APPLIANCES****Technical document 017-21**

Additional specifications for water  
evacuation test, applicable to all sanitary  
appliances

Technical document 017-21 rev. 00

21/12/2018

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## MODIFICATION HISTORY

<b>Revision no.</b>	<b>Application date</b>	<b>Modifications</b>
00	21/12/2018	Update to the document layout and reference

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The test must be carried out in accordance with the product standards (NF EN 14516, NF EN 13310, NF EN 14688 and NF EN 14527).

## 1 REMINDER OF THE TEST METHOD

- Mount the unit to be tested in a horizontal position, according to the manufacturer's instructions.
- Clean the sample with a cleaning product recommended by the manufacturer or a standard gentle detergent and a non-abrasive natural sponge. The purpose of this operation is to remove all residue from the appliance (demoulding agent, grease, dust, etc.).
- Rinse the product with clear water and wipe dry.
- Pour in a quantity of water (at least 1 L) coloured with eosin or any other colouring agent.
- Determine whether the water has completely drained out after 10 minutes.
- Visually examine whether the water actually drained out through the plug hole(s). The presence of stagnant water due to surface tension is permitted.

## 2 ADDITIONAL INFORMATION

- Solution concentration:

The concentration is about 0.1 g of eosin plus 0.1 g of standard (liquid) detergent per litre of water (a different concentration and/or a different colouring agent may be used, depending on the colour of the appliance, since the goal is to ensure a visual contrast with the appliance).

- Interpreting the result:

If water remains on the appliance, a steel ball may be used to help interpret this result.

Proceed as follows:

- Mark the zones to be checked, then wipe the product dry. Place the ball around and on the zone to be checked (with no movement).
  - If the ball rolls towards the drain => presence of a slope (therefore, surface tension).
  - If the ball rolls in the opposite direction => reverse slope.
  - If the ball does not roll => water stagnation.
- Characteristics of the ball to use:

Use a steel ball (about Ø 15 mm, and in narrow areas of the sink drain board type, Ø 11 mm balls may be used).
- The test is performed without the plug unless a plug (NF) is delivered with the product.