

**SANITARY APPLIANCES****Technical document 017-16**

Resistance of urinals to static loads

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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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## 1 PURPOSE

The purpose of this document is to complete the strength test under static loads on urinals defined in Standard NF EN 13407 and the specifications to be satisfied.

## 2 FIELD OF APPLICATION

This document is applicable to urinals for collective use. Its field of application could be revised if urinals are used for private purposes.

## 3 RESISTANCE TO STATIC LOADS

Install the urinal under normal conditions of use, in accordance with the manufacturer's technical datasheet. Load the urinal without any dynamic effect with an applied load of 130 kg, depending on the shape of the urinal, as follows:

- at the bottom of the pan,
- on the front edge,
- on the sides using means appropriate to the dimensions of the appliance.

The 130 kg load may be composed of bags of shot, sand or any other appropriate means providing the same load.

Leave the load in position for 1 hour and then remove it.

Check the urinal before and after applying the load in accordance with articles 2.3 and 2.4 in Standard NF D14-509 or by using a colouring agent such as eosin.

Note any defects on all visible surfaces. Also check that there are no cracks in the porcelain and around the attachment points.