

**PROOF OF TYPE TESTING FOR VIESER POST INSTALLED SUPPORT RING**

<b>Requested by</b>	<b>Vieser Oy</b> Jaana Honkonen Keskustie 23 61850 Kauhajoki As. jaana.honkonen@vieser.fi
<b>Order ref.</b>	Samples arrived 8.8.2022
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<b>Assignment</b>	<b>Testing of post installed support ring for floor gully extension</b>
<b>References</b>	[1] SFS-EN 1253-1. <i>Gullies for buildings - Part 1: Trapped floor gullies with a depth water seal of at least 50 mm.</i>  [2] 9/19. <i>The decree of Finnish Ministry of Environment for Water and Sanitary appliances. Floor gullies for sewer systems.</i>
<b>Results</b>	See results in the Appendix 1.

**Declaration of conformity**

The post installed support ring for floor gully extension was leak-tight in all relevant tests.

The tested product fulfills essential technical requirements [2], excluding the 100 Nm bending test of extension installed to floor gully. The post installed support ring for floor gully extension is meant for post-installation only, when the original support ring has not been installed with extension. In this case, the floor gully is already solid part of the floor structure, and no bending or torsion due to installation affects the gully. Original support ring is found in the extension's package, and installation manual demands using the original support ring. The tested product fulfills other relevant requirements of product standard [1]. Test results are presented in Appendix 1.

Espoo, 21.11.2022

*Verner Nurmi*  
*Expert*

*Karl Holmström*  
*Senior Expert*

Appendices	1 Test results
Distribution	Customer, electronically approved

**TEST RESULTS**

**Samples:** 3x Vieser post installable support ring for floor gully extension, 3x Vieser one horizontal drain, 3x Vieser extension Ø150

**Manufacturer:** Vieser

**Date of testing:** 2.9.-23.9.2022

**1. CONSTRUCTION AND MATERIALS**

Sample	Size of outlet	Side inlets	Horizontal / vertical	Easy to clean
235-2022-00333401 -03 Vieser one horizontal drain	75 mm	40/32 mm	Horizontal	Easy to clean

Base material of the gully	Markings on drain	Markings on water trap	Depth of water seal
Polypropylene	Vieser 5 PP 7 22	Vieser 5 PP 7 22	50 mm

Sample	Base material of the extension	Markings on extension
235-2022-00333404 -06 Vieser extension Ø150	Polypropylene	Vieser Serres 4 PP STF L J

**2. INSTALLATION OF SUPPORT RING**

Extension was installed to water gully with post installed support ring according to manufacturer's instruction. Figures 1 and 2 present the assembly and tools.



**Figure 1.** Customer delivered a tool for installing the post installed support ring.



**Figure 2.** Uninstalled support ring in the left-hand side image. Assembled support ring, extension and floor gully in the right-hand image.

### 3. FLOOR GULLY FOR USE WITH SHEET FLOOR COVERINGS, MEMBRANES OR LIQUID APPLIED MEMBRANES

EN 1253-1:5.8.3

The test EN 1253-1:5.8.3 was applied to test the tightness of extension installed to Vieser one horizontal drain. Support ring was post installed to samples.

Sample	Pressure	Test time	Result	Requirement
235-2022-00333401	-10 kPa	10 min	Tight	-
235-2022-00333402	-10 kPa	10 min	Tight	-

### 4. TEMPERATURE CYCLING

EN 1253-1:5.5.1

Sample	Temperature	Cycles	Result	Requirement
235-2022-00333401	93 / 15 ° C	1500	No deformation, tight*	No deformation

\*Tightness tested according to EN 1253-1:5.8.3.

### 5. WATER TIGHTNESS

EN 1253-1:5.8.2

The test EN 1253-1:5.8.2 was used to examine the water tightness of the assembly of floor gully and extension.

Sample	Pressure	Test time	Result	Requirement
235-2022-00333402	10 kPa	15 min	Tight	needs to be tight (EN 1253-1: 4.6.2)