

# PROOF OF TYPE TESTING FOR VIESER POST INSTALLED SUPPORT RING

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Assignment	Testing of post installed support ring for floor gully extension
References	[1] SFS-EN 1253-1. Gullies for buildings - Part 1: Trapped floor gullies with a depth water seal of at least 50 mm.
	[2] 9/19. The decree of Finnish Ministry of Environment for Water and Sanitary appliances. Floor gullies for sewer systems.
Results	See results in the Appendix 1.

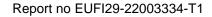
### **Declaration of conformity**

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 fulfils other relevant requirements of product standard [1]. Test results are presented in Appendix 1.



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Espoo, 21.11.2022

Verner Nurmi Expert Karl Holmström Senior Expert

Appendices 1 Test results

Distribution Customer, electronically approved



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### **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	75 mm	40/32 mm	Horizontal	Easy to clean
Vieser one horizontal drain	75 mm			

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

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## 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.



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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	-

#### TEMPERATURE CYCLING 4.

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.				

Fightness tested according to EN 1253-135.8.3.

## 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)



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