



TECHNICKÝ A ZKUŠEBNÍ ÚSTAV STAVEBNÍ PRAHA, s.p.
Technical and Test Institute for Construction Prague

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TEST REPORT

issued by Testing Laboratory

No. 060-057571

**on watertightness of ACO Access Cover SOLID
according to ČSN EN 1253-4:2016**

Ordering Party: ACO Industries k.s.
Address: 582 22 Přebyslav, Havlíčkova 260, Czech Republic
Company ID: 48119458
Manufacturer: ACO Industries k.s.
Address: 582 22 Přebyslav, Havlíčkova 260, Czech Republic
Test sample: ACO Access Cover SOLID assembly 300x300x60 B125 1.0037
Order No.: Z060110233

Number of pages of the Test Report incl. title page: 3 Pages of annexes: 1

Prepared by:


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test technician - specialist

Approved by:


Ing. Martin Zadělák
head of the Testing Department

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Brno, 12. 3. 2024

Declaration: 1) The test results in this Report relate only to the tested article and they do not substitute any other documents
2) The Test Report must be copied as a whole only otherwise a written consent of the testing laboratory is needed.

1. Sample data

Evidence number: the test was carried out in the manufacturer's laboratory
 Sample: ACO Access Cover SOLID assembly 300x300x60 B125 1.0037
 Article number: 403898
 Order / contract: Z060110233
 Date of test conducting: 20.7.2022
 Class of concrete bed: C 35/45
 Load class: B125

From the ACO Access Cover SOLID (GS/SS/AL) and/or ACO Access Cover SOLID FR (GS) portfolio was for test performance defined sample ACO Access Cover SOLID assembly 300x300x60 B125 1.0037.

The test specimens were not tailored before testing. Testing was carried out on the whole product set which consists of cover and its frame. Furthermore, the frame was imbedded into the concrete class C 35/45 to manufacturer's technical specification.

Technical design of tested subject is given in the Annex 5.1 of this test report.

2. Test methods

ČSN EN 1253-4	Gullies for buildings – Part 4: Access covers, Cl. 7.3.1 Watertightness
Deviations from a standard procedure or the use of non-standardized methods: were not applied.	

Watertightness

The access cover shall be flooded with a (10±1) mm head of water for a period of (15±1) min. The test shall be deemed to have been passed if, during this period, no water has penetrated to the underside.

3. Test results

The test was carried out on: 20.7.2022
 The test was performed by: Ing. Pavel Juránek, Ph.D., Zdena Fryčarová

Data on the person who performed the test, test conditions and equipment used are listed in the test minutes. Apparatuses and measuring instruments that used have been certified pursuant to a valid plan of the testing laboratory Brno.

3.1 Watertightness according to the ČSN EN 1253-4, Cl. 7.3.1

ACO Access Cover SOLID assembly 300x300x60 B125 1.0037		
test no.	test period	test observation
1	15 min.	no water penetration to the underside of cover



3.2 Photo documentation



Figure 1: Watertightness test set up - ACO Access Cover SOLID assembly 300x300x60 B125



Figure 2: Seal under M8 bolt for ACO Access Cover SOLID

4. Test evaluation

The cover, when tested to ČSN EN 1253-4, Cl. 7.3.1 prevented the ingress of surface water to the underside – ACO Access Cover meets requirement.

Watertightness: Class Wt - test has been passed

The test result is valid for products manufactured in ACO Industries k.s.

5. Annexes

5.1 Technical design - Solid assembly 300x300x60 B125 1.0037

END OF THE TEST REPORT

