



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

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Central Laboratory - Testing Department Brno

Hněvkovského 77, 617 00 Brno, Czech Republic
tel.: +420 734 432 093, e-mail: zadelak@tzus.cz, www.tzus.eu

TEST REPORT

issued by Testing Laboratory

No. 060-054775

**on watertightness of ACO Access Cover SOLID, load class B125
according to ČSN EN 1253-4:2016**

Ordering Party: ACO Industries k.s.
Address: 582 22 Příbyslav, Havlíčkova 260, Czech Republic

Company ID: 48119458

Manufacturer: ACO Industries k.s.
Address: 582 22 Příbyslav, 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:

Ing. Pavel Juránek, Ph.D.
test technician - specialist

Approved by:

Ing. Martin Zaděláč
head of the Testing Department

Print No.: 1
Number of prints: 2



Brno, 8. 9. 2022

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) portfolio was for test performance defined sample ACO Access Cover SOLID assembly 300x300x60 B125 1.0037.

Test specimen was checked carefully. There were not found any imperfections that could affect test results. 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 ensure real use conditions (to manufacturer's technical specification).

Technical design of tested subject is given in the Annex 4.1 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



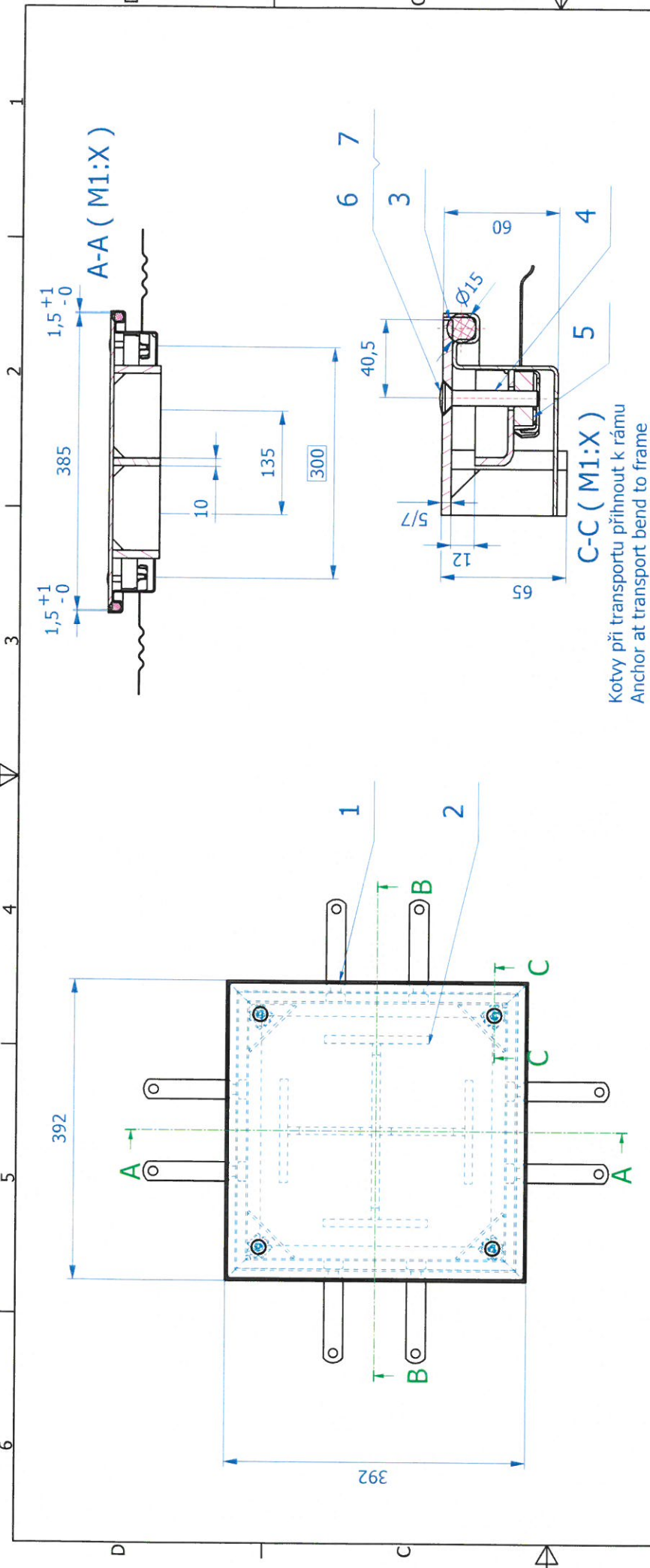
Figure 2: Seal under M8 bolt for ACO Access Cover SOLID

4. Annexes

4.1 Technical design - Solid assembly 300x300x60 B125 1.0037

END OF THE TEST REPORT





Kotvy při transportu přihnout k rámu
Anchor at transport bend to frame

ITEM	QTY	DESCRIPTION	MASS	ARTICLE	MATERIAL
1	1	Frame assembly Solid 300x300	3,23 kg	E13852	
2	1	Cover lid assembly Solid 300x300 B125	10,46 kg	E14330	
3	1	Gasket Solid 300x300 L1,63m	0,34 kg	NM3094	EPDM
4	4	Screw M8x50 DIN 7991	0,02 kg	NM3266	14301
5	4	Nut 20x20-10-M8	0,03 kg	NM6767	Brass
6	4	Cover for Imbus M8 DIN 7991	0 kg	NM7002	Plastic
7	4	Seal under M8 bolt for Access Cover Solid 0 kg	0 kg	NM9751	Plastic

Tolerance		Tolerance for welding		Mass	
ISO 2768 - 1m - 2L	EN ISO 13920 - A				N/A

 ACO Industries k.s. Příkopská 280 152 00 Praha 5, CZ Tel.: +420 569 491 111 www.aco.com www.aco-industries.cz	Drawing NO	403898	Article	403898	Surface finish	Bez PU/Without surf. fin.
	Created by	mmmach	Reviewed by		Projection ISO/E	Scale
	Title					

REV	COMMENTS	DATE	AUTHOR
1	Úprava profilu dle skutečnosti Edit profile by real	8.9.2015	dsobotka
2	Oprava rozměru slzy Correction dimensions of tear	29.3.2017	dsobotka
003	Změna profilu rámu/Change of profile	31.3.2020	zhruby

Revision history		Created date		Release date	
		11.11.2010		11.11.2010	
Title		Sheet		1 / 1	
Solid assembly 300x300x60 B125 1.0037		Scale		A3	

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