



# TEST REPORT

issued by Testing Laboratory

**No. 060-054776**

**on watertightness of ACO Access Cover PAVING , load class D400  
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 PAVING H80 assembly 600x600 1.0037 D400

Order No.: Z060110233

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

Prepared by:

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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 PAVING H80 assembly 600x600 1.0037 D400  
 Article number: 445640  
 Order / contract: Z060110233  
 Date of test conducting: 20.7.2022  
 Class of concrete bed: C 35/45  
 Load class: D400

From the ACO Access Cover PAVING H80/H120 (GS/SS) portfolio was for test performance defined sample ACO Access Cover PAVING H80 assembly 600x600 1.0037 D400.

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). For the purpose of the test, the cover lid was filled with concrete.

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 PAVING H80 assembly 600x600 1.0037 D400		
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 – flooding - ACO Access Cover PAVING H80 assembly 600x600 D400

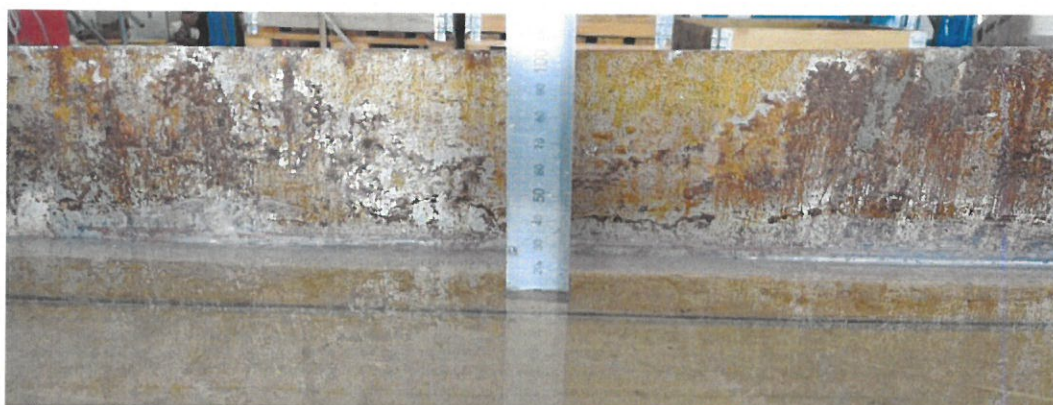


Figure 2: Watertightness test set up – ACO Access Cover PAVING H80 assembly 600x600 D400



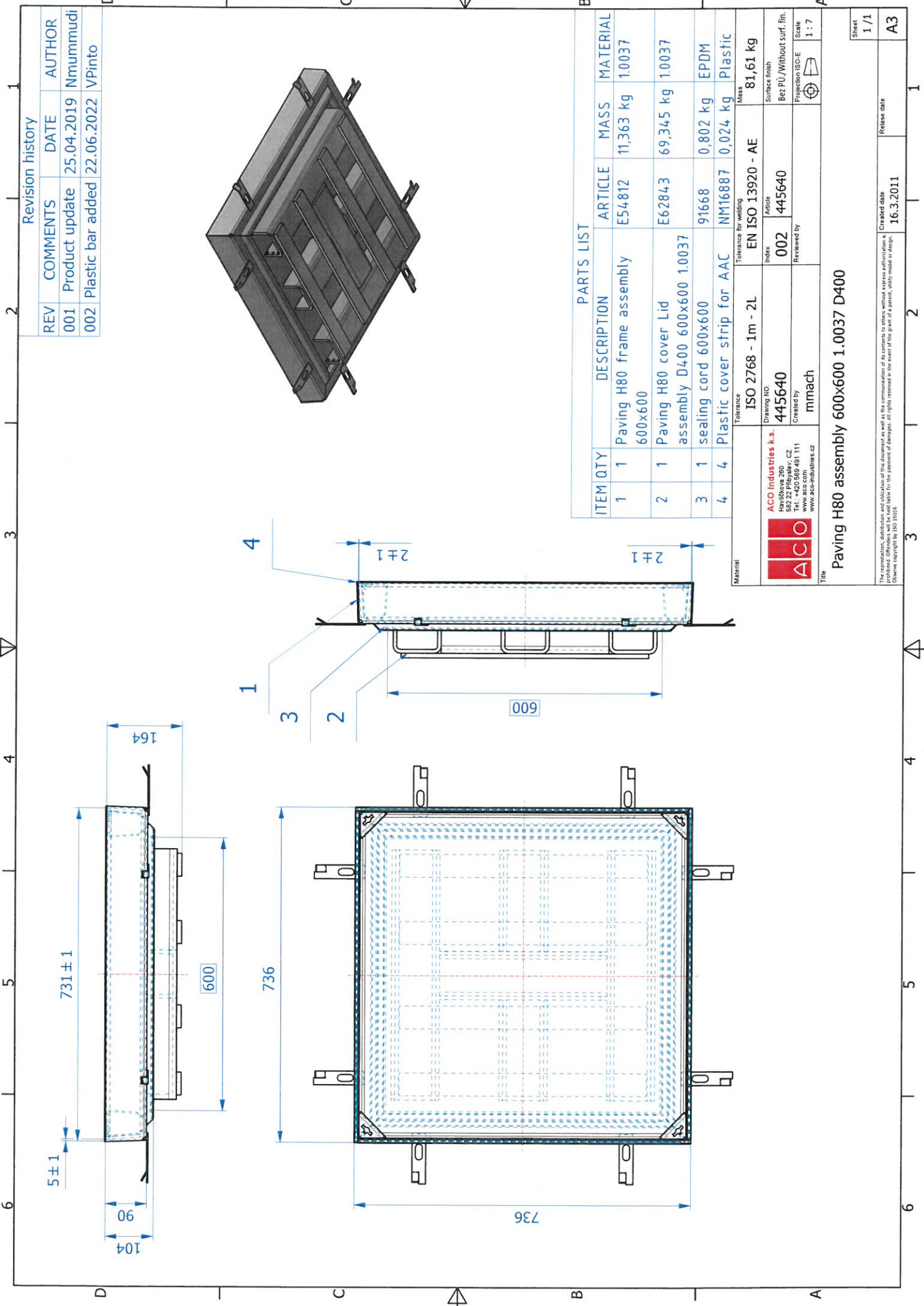
Figure 3: Watertightness test set up – ACO Access Cover PAVING H80 assembly 600x600 D400

## 4. Annexes

### 4.1 Technical design – PAVING H80 assembly 600x600 1.0037 D400

**END OF THE TEST REPORT**





Revision history			
REV	COMMENTS	DATE	AUTHOR
001	Product update	25.04.2019	Nmumudi
002	Plastic bar added	22.06.2022	VPinto

PARTS LIST					
ITEM	QTY	DESCRIPTION	ARTICLE	MASS	MATERIAL
1	1	Paving H80 frame assembly 600x600	E54812	11,363 kg	1.0037
2	1	Paving H80 cover Lid assembly D400 600x600 1.0037	E62843	69,345 kg	1.0037
3	1	sealing cord 600x600	91668	0,802 kg	EPDM
4	4	Plastic cover strip for AAC	NM16887	0,024 kg	Plastic

Material	ISO 2768 - 1m - 2L	Tolerance for welding	EN ISO 13920 - AE	Mass	81,61 kg
ACO Industries k.s.	Drawing NO.	Index	Article	Surface finish	
www.aco.com	445640	002	445640	Be: PU/Without surf. fin.	
ISO 22991 - CZ	Created by	Reviewed by		Projection ISO-E	Scale
Tel: +420 569 491 111	mmach			1:7	
www.aco-industries.cz					

Title  
Paving H80 assembly 600x600 1.0037 D400

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