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TEST REPORT

ABETON - VIACOLOR TÉRKŐ Zrt.
KÖZPONTI LABORATÓRIUM
7634 Pécs, Nagy-Berki út 3.
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The test report contains 1 numbered page.

Determining the tensile strength of concrete specimens by bending, Destructive testing of mechanical properties according to MSZ EN 12390-5:2009

Costumer: **EN-CO Lab Kft. (VPI Kft.)**
address: 1119 Budapest, Andor u. 60.
Contractor (entrepreneur):
Identification **OTB-B-001-211118**
Place of installation or origin: **VPI Kft. Concrete factory**

Sample Number **2949**
Reg.Number: A/2022/01/2949.111
Work Number:

Identifiers of related documents:
Sampling protocol: 22/01/2949. b
Measuring sheets: **22/01/2949.111b**

Sampling date: **2021.11.18**
Sampling method: **Standard**
Date of arrival: **2021.11.18**
Examination completion date: **2021.12.16**

1. SAMPLING DATA

Delivery note number.:
SAMPLER: Zoltán Szabó
SAMPLING PLACE: Laboratory
NUMBER OF TEST ITEMS: 3 SIGN: **600x150x150**
PURPOSE OF INVESTIGATION: type test
REQUESTED DATE OF THE EXAMINATION: 2021.12.16 2021.12.16 AGE: 28 days

2. TECHNOLOGICAL DATA:

PLACE OF MIXING, TYPE OF MIXER: **VPI Kft. Concrete factory**

DESIGNED QUALITY: C40/50-XC4-XV3(H)-XF4-8--SCC-MSZ 4798:2016

COMPOSITION:	***Designation***	***Place of origin***	***Quantity***	W/C
Recipe number:	*CEMENT:*		kg/m³	
	ADDITIVE:			
	CHEMICAL:			
	ADDITIONAL MATERIAL:		kg/m³	
			kg/m³	

AFTER TREATMENT: Mixed storage

3. INSTALLATION DATA:

PLACE OF INSTALLATION:
BUILDING NAME:
STRUCTURE NAME: stored in water SIGN: ITEM SIZE: m³

4. TEST DATA

SHAPE CORRECTNESS: **fit** ***with a force acting at two points***
Deviation from surface plane (0,0005 d): **fit** Angle between adjacent sides (90° ± 0,5°): **fit**

Concrete beam signal	Weight m (g)	Sizes (mm)			Breaking force (kN)	Body density p (kg/m3)	flexural-tensile strength f_{ct} (N/mm2)	
		length L	width d1	height d2				
1	31900	600,0	151,0	149,0	58,0	2363	7,8	
2	32420	600,0	151,0	150,0	59,0	2386	7,8	
3	32080	600,0	150,0	150,0	66,0	2376	8,8	
					Avarge:	2375	8,1	

At the customer's request, the laboratory provides all detailed measurement results to the customer.
Comment:

Device name (number): Crusher machine (2023.08.22) Libra Vibra 31001CE (2023.02.16) Gap measuring set (2024.02.20)
Device name (number): 612049 SHIFT GAUGE 5127 (2023.01.21) Right angle 121044028 (2024.02.25)

A Beton-Viacolor Térkő Zrt. KÖZPONTI LABORATÓRIUM Pécs
Stamp

Hortobágyi Gergely laboratory assistant
carried out a measurement / examination

Norbert Kovács, laboratory manager
responsible for technical content

Pécs, 2021.12.16

The test results in the test report only apply to the tested individuals.
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