



LABORATORIUM CHEMII BUDOWLANEJ EFEKT Sp. z o. o.
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1. Identification:

CUSTOMER: Name and address		River Power, s.r.o. Hlubinska 1378/36, 702 00 Ostrava		Order number, dated: 1/6/3/24 of 06.03.2024	
Name of the object: Description provided from the package		Type of test sample / object (designation, name, type): Description provided from the protocol		Sample Code in the Laboratory: 108/24	
Internal plaster PSC FI					
Data provided by the ordering party		The purpose of the study: Initial type test (ITT)			
Sampler: The sample collected by the customer		Method of sampling: PN-EN 1015-2		Date of sampling: 29.02.2024	
Information about the delivered object/ sample: quantity/ packaging/ date of production/ validity/ batch number/ possible comments		Date of acceptance of the test sample: 04.04.2024			
Method of sample preparation:		20 kg/ bucket (replacement packaging) Sample production date/ expiry date / batch number: 29.02.2024/ Nr 2/2024 – PSC FI			
Date of start of the test:		PN-EN 1015-2:2000, PN-EN 1015-2:2000/A1:2007		Water to mortar ratio according to producers recommendation on package: 0,32 l / 1 kg	
Laboratory conditions:		10.04.2024		Date of end of the test: 16.05.2024	
Additional information:		Temperature: 23±2 °C, humidity: 50±5 % None			

METHODS / TESTING PROCEDURES:
EN 998-1:2016-12 „Specification For Mortar For Masonry. Part 1: Rendering And Plastering Mortar”

2. Test result:

No.	Properties	Research standard	Required value	Test Results		Average value	Declaration of conformity	
							(reference document)	(the principle of decision-making - simple acceptance - without taking into account the value of uncertainty of results)
2.1	Bulk density of fresh mortar [kg/m ³]	EN 1015-6	Declared value	1070	1070	1070 ± 10**	EN 998-1:2016	Declared value
2.2	Air content of fresh mortar [%]	EN 1015-7	Declared value	30	30	30	EN 998-1:2016 WTA 2-9-20/D	Declared value
2.3	Workable life of fresh mortar [min]	EN 1015-9	Declared value	> 360	> 360	> 360	EN 998-1:2016	Declared value

2. Test result:

No.	Properties	Research standard	Required value	Test Results					Average value	Declaration of conformity		
				(reference document)	(the principle of decision-making - simple acceptance - without taking into account the value of uncertainty of results)							
2.4	Dry bulk density of hardened mortar [kg/m ³]	EN 1015-10	Declared value	980	970	970	980	970	970 ± 20**	EN 998-1:2016 WTA 2-9-20/D	Declared value	
				970	970	970	970					
2.5	Adhesive strength of hardened rendering and plastering mortars on substrates [N/mm ²], (FP)	EN 1015-12	Declared value	0,15	0,15	0,15	0,15	0,15	0,2 ± 0,1* FP: b	EN 998-1:2016	Declared value	
				Cohesive break in mortar								
2.6	Thermal conductivity coefficient λ [W/(m·K)]	Table A.12 EN 1745 (P=50%)	Tabular value	for density 1000 [kg/m ³]					0,25	EN 998-1:2016	Tabular value	
				for density 1200 [kg/m ³]								0,33
				for density 1400 [kg/m ³]								
2.7	Reaction to fire	EN 13501-1	Declared value	< 1,0 [%] organic materials without the need for testing					A1	EN 998-1:2016	Declared value	

Uncertainty information:

* Measurement uncertainty was determined at the 95% confidence level and the k = 2 expansion factor
** Standard deviation

16.05.2024

Developed:
(date, function, signature)

SPECJALISTA
Mds. Badań
16.05.2024
Mariusz Wronski

Authorized:
(date, function, signature)

16.05.2024
KIEROWNIK LABORATORIUM
Katarzyna Walusiak

The test results refer only to the tested samples. The uncertainty of the result does not include the uncertainty of sampling.
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The end of report