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

CUSTOMER: **Name and address**		**River Power, s.r.o.** **Hlubinská 1378/36, 702 00 Ostrava**		**Order number, dated:** 2/31/7/23 of 31.07.2023
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:**
PSC ECI+ (PSC 250 T ECI) Termorefleksyjna silikatowa farba do zastosowań wewnętrznych				370/23
Data provided by the ordering party	**The purpose of the study:**	Marking CE, periodic tests		
	Sampler:	**Method of sampling:**	**Date of sampling:**	**Date of acceptance of the test sample:**
	The sample collected by the customer	PN-EN ISO 15528	24.07.2023	02.08.2023
	Information about the delivered object/ sample: quantity/ packaging/ date of production/ validity/ batch number/ possible comments	Sample size: 0,6 kg / PVC container Date of production: 21.07.2023/ / batch numer: 01/07/2023 Validity: 1 year		
Method of sample preparation:		The test coating was prepared in accordance with the manufacturer's description Method of application – with a roller. Consumption – 0,26 kg/ m² Substrate type – porous carrier Drying time – 28 days		
Date of start of the test:		08.08.2023	**Date of end of the test:**	15.09.2023
Laboratory conditions:		Temperature: 23±2 °C, humidity: 50±5 %		
Additional information:		**-**		

METHODS / TESTING PROCEDURES:
EN 13300 „Paints and varnishes. Paints and varnishes for interior walls and ceilings. Classification”

2. Test results:

No.	*Properties*	*Research standard*	*Required value*	*Test results*			*Mean value*	*Statement of compliance*	
								(reference document)	*(the principle of making decisions - simple acceptance)*
2.1	Gloss Angle of incidence: 20° 60° 85°	EN ISO 2813	*for the angle of measurement – reflectance* *85° ≤ 5*	 0,7 0,7 0,0	 0,7 0,5 0,0	 0,7 0,7 0,0	 **0,7** **0,6** **0,0**	*EN 13300*	***G4*** ***Dead - matt***
2.2	Largest grain size, granularity %	EN ISO 1524	*up to 100 µm*	**0,0**				*EN 13300*	***S1*** ***fine***
2.3	Wet scrub resistance, µm:	EN ISO 11998	*> 70 µm at 40 scrubs*					*EN 13300*	
				• at 200 scrubs			**no marking**		
				• at 40 scrubs					
2.4	Hiding power for white or light-coloured opaque paints, Yb/Yw	EN ISO 6504-3	*Class 1 ≥ 99,5 %* *Class 2* *≥ 98,0 i < 99,5 %* *Class 3* *≥ 95,0 i < 98,0 %* *Class 4 < 95,0 %*	***Yblack***	***Ywhite***		**97,9**	*EN 13300*	***Class*** ***H_{10} 3***
				91,5	93,5				

2. Test results:

No.	Properties	Research standard	Required value	Test results (mean value)	Statement of compliance	
					(reference document)	*(the principle of making decisions - simple acceptance)*
2.5	Emission of volatile organic compounds VOC, g/l	EN ISO 11890-1 Differential method	*< 30* *for interior matt walls and ceilings (gloss < 25 for 60°)*	**23,7**	*(DIRECTIVE 2004/42/CE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 April 2004)*	***Fulfils***

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

Developing test results:
Date, function, signature

Mariusz Wroński

Zabrze, of 20.09.2023

Authorizing test results:
Date, function, signature

Katarzyna Walusiak

Zabrze, of 20.09.2023

The end of report