



**LABORATORIUM CHEMII BUDOWLANEJ EFEKT Sp. z o.o.**  
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AB 1703

**1. Identification:**

<b>CUSTOMER:</b> Name and address		<b>River Power, s.r.o.</b> Hlubinská 1378/36, 702 00 Ostrava		<b>Order number, dated:</b> 2/31/7/23 of 31.07.2023	
<b>Name of the object:</b> Description provided from the package		<b>Type of test sample / object (designation, name, type):</b> Description provided from the protocol		<b>Sample Code in the Laboratory:</b>	
<b>PSC ECI+ (PSC 250 T ECI)</b> Termorefleksyjna silikatowa farba do zastosowań wewnętrznych				370/23	
<b>Data provided by the ordering party</b>	<b>The purpose of the study:</b>		Marking CE, periodic tests		
	<b>Sampler:</b>		<b>Method of sampling:</b>	<b>Date of sampling:</b>	<b>Date of acceptance of the test sample:</b>
	The sample collected by the customer		PN-EN ISO 15528	24.07.2023	02.08.2023
	<b>Information about the delivered object/</b> 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		
<b>Method of sample preparation:</b>		The test coating was prepared in accordance with the manufacturer's description Method of application – with a roller. Consumption – 0,26 kg/ m <sup>2</sup> Substrate type – porous carrier Drying time – 28 days			
<b>Date of start of the test:</b>		08.08.2023	<b>Date of end of the test:</b>		15.09.2023
<b>Laboratory conditions:</b>		Temperature: 23±2 °C, humidity: 50±5 %			
<b>Additional information:</b>		„A” examination included in the scope of accreditation PCA 1703			

**METHODS / TESTING PROCEDURES:**

EN 1062-1:2005 Paints and varnishes – Coating materials and coating systems for exterior masonry and concrete – Part 1: 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	Water vapour transmission rate, $V$ , g/m <sup>2</sup> · d	EN ISO 7783:2018-11 Wet cup method A	Category $V_1 > 150$ Category $V_2 (15 - 150)$ Category $ia V_3 \leq 15$	2916	2218	2582	<b>2572 ± 720*</b>	EN 1062-1:2005	Fulfills for category $V_1$
	Diffusion equivalent to the air layer thickness $S_d$ , m			0,007	0,009	0,008			
<b>Uncertainty Information:</b>		* Measurement uncertainty was determined at the 95% confidence level and the k = 2 expansion factor ** Standard deviation							
<b>Developing test results:</b> Date, function, signature		Mariusz Wroński  Zabrze, of 20.09.2023			<b>Authorizing test results:</b> Date, function, signature		Katarzyna Walusiak  Zabrze, of 20.09.2023		
The test results refer only to the tested samples. The uncertainty of the result does not include the uncertainty of sampling. Without the written consent of the Laboratory Manager The test report may not be reproduced otherwise than in its entirety.									

**The end of report**