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1. Identification:

CUSTOMER: Name and address		River Power, s.r.o. Hlubinská 1378/36, 702 00 Ostrava		Order number, dated: 5/22/2/23 of 22.02.2023	
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:	
Silicate thermoreflective paint PSC 250T ECO+				108/23	
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 15558	08.03.2023	09.03.2023	
	Information about the delivered object/ sample: quantity/ packaging/ date of production/ validity/ batch number/ possible comments	Sample size: 100 – 200 g / replacement packaging			
Method of sample preparation:		The test coating was prepared in accordance with the manufacturer's description in the Technical Data Sheet. Method of application – with a trowel. Number of layers: Paint PSC 250T ECO – two, consumption – 0,23 kg/ m ² Substrate type –silicate substrate, porous carrier Drying time – 28 days			
Date of start of the test:		15.03.2023	Date of end of the test:		19.05.2023
Laboratory conditions:		Temperature: 23±2 °C, humidity: 50±5 %			
Additional information:		-			

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	Gloss determined at the angle of measurement, GU: 20° 60° 85°	EN ISO 2813:2014	For gloss 85° ≤ 10			0,7 0,8 0,0	EN 1062-1:2005	Mat Fulfills for category G₃
				0,7	0,7			
				0,8	0,8			
				0,0	0,0			
2.2	Coating thickness, μm	EN 1062-1:2005 p. 5.3	Category E ₁ < 50 Category E ₂ > 50 ≤ 100 Category E ₃ > 100 ≤ 200 Category E ₄ > 200 ≤ 400 Category E ₅ > 500	124		EN 1062-1:2005	Fulfills for category E₃	
2.3	Grain size, %	EN ISO 1524:2020-12	marked on the sieve 100 μm	0,0	0,0	0,0	EN 1062-1:2005	Fine grain Fulfills for category S₁
EN 1062-1 G₃ E₃ S₁ V₁ W₃								

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 26.05.2023	Authorizing test results: Date, function, signature	Katarzyna Walusiak Zabrze, of 26.05.2023
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