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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:**	Type 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: Basic B – one, consumption – 0,19 kg/ m² PSC 250T Build – one (coatings thickness 1,0-1,5 mm) – consumption 0,74 kg/ m² Farba PSC 250T ECO – two, consumption – 0,23 kg/ m² PSC Nanoshield - one, consumption – 0,09 kg/ m² Substrate type – PVC foil Drying time – 28 days		
Date of start of the test:		15.03.2023	**Date of end of the test:**	26.05.2023
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*	 0,6 0,8 0,4	 0,5 0,8 0,0	 **0,6** **0,8** **0,2**	*EN 1062-1:2005*	***Mat*** ***Fulfills for category G_3***
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*	Basic B PSC 250T Build Paint PSC 250T ECO PSC Nanoshield Total amount		15 193 124 0,3 **332**	*EN 1062-1:2005*	***Fulfills for category E_4***
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 S_1***
EN 1062-1 G_3 E_4 S_1 V_2 W_3								

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 end of report