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AB 1703

1. Identification:

CUSTOMER: Name and address		River Power, s.r.o. Hlubinská 1378/36, 702 00 Ostrava		Order number, dated: 6/14/2/22 of 28.02.2022	
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:	
		Primer PSC 250T ECB Basic A/ PSC 250T ECB Basic B Power Smart Coat PSC 250T Build/ PSC 250T HP		96/22	
				97/22	
Data provided by the ordering party	The purpose of the study:	Oznakowanie CE, badania okresowe			
	Sampler:	Method of sampling:	Date of sampling:	Date of acceptance of the test sample:	
	The sample collected by the customer	PN-EN ISO 15558	04.03.2022	08.03.2022	
	Information about the delivered object/ sample: quantity/ packaging/ date of production/ validity/ batch number/ possible comments	Sample size: 1,5 kg/ wiaderka Date of production/ batch numer: 04.03.2022			
Method of sample preparation:		The test coating was prepared in accordance with the manufacturer's description in the Technical Data Sheet. Before use, the mass was mixed with a slow-rotating mixer until a homogeneous consistency was obtained. Method of application – with a brush. Number of layers: 2 (with a coating thickness of 0.5 mm) Substrate type – concrete, steel and silicate substrate, porous carrier Drying time – 7/28 days			
Date of start of the test:		16.03.2022	Date of end of the test:		16.05.2022
Laboratory conditions:		Temperature: 23±2 °C, humidity: 50±5 %			
Additional information:		„A” examination included in the scope of accreditation PCA 1703			

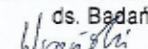
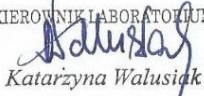
METHODS / TESTING PROCEDURES:

PN-EN 15824:2017-07 „Specifications for external renders and internal plasters based on organic binders”

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 ² · d	EN ISO 7783:2018-11 Wet cup method A	Category V ₁ > 150 Category V ₂ (15 – 150) Category ia V ₃ ≤ 15	195	178	180	184 ± 18*		EN 15824:2017	Fulfills for category V₁	
	0,11			0,12	0,11	0,11 ± 0,01*					
	220 (coating thickness - 500 µm)										
2.2	Water absorption, kg/m ² ·h ^{0,5}	EN 1062-3:2008 A	Category W ₁ > 0,5 Category W ₂ ≤ 0,5 > 0,1 Category W ₃ ≤ 0,1	0,06	0,09	0,07	0,07 ± 0,02*		EN 15824:2017	Fulfills for category i W₃	
2.3	Load on failure, N	EN 1542:2000	≥ 0,3	3125	2924	2317	2565	2625	1,4 ± 0,3*	EN 15824:2017	Fulfills
	Adhesion to concrete substrate after 7 days, N/mm ²			1,59	1,49	1,18	1,31	1,34			
	Failure type			B - cohesive failure in the first layer							
2.4	Load on failure, N	EN 1542:2000	no requirements	826	861	728	714	845	0,4 ± 0,1*	EN 15824:2017	Fulfills
	Adhesion to steel substrate after 7 days, N/mm ²			0,42	0,44	0,37	0,36	0,43			
	Failure type			A/B – between substrate and first layer							

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	Durability	EN 1542:2000	≥ 0,3	1651	1672	1588	1522	1708	0,8 ± 0,1*	EN 15824:2017	Fulfills	
	Obciążenie przy zniszczeniu, N			0,84	0,85	0,81	078	0,87				
	Adhesion to concrete substrate after 20 freezing and thawing cycles, N/mm ²			A/B – between substrate and first layer								
	Failure type											
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		SPECJALISTA ds. Badań  Mariusz Wroński			Authorizing test results: Date, function, signature					KIEROWNIK LABORATORIUM  Katarzyna Walusiak Zabrze dnia 16.05.2022		
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