

EU DECLARATION of CONFORMITY PScoat

CE PN-EN 15824: 2017

Trade name of the goods:

Thermal insulation coating PSC 250 T (Power Smart Coat - PScoat)
Inside, Outside, Build, Roof, Floor, HP, EC, Bacteriostatic,

Product type designation:

Elastomeric nano thermal insulation coating

The intended use of the product in accordance with the harmonized product by the manufacturer technical specifications:

Coating intended for protective use on external surfaces and indoor, in construction and industry, with excellent thermal insulation properties.

Trade name of the goods and producer address:

PSC 250 T - PScoat

RIVER POWER s.r.o.,
Hlubinska 1378/36,
70200 Ostrava,
Czech Republic

Product assessment and verification system:

SYSTEM 4

National technical specification:

PN-EN 13501 -1 / reaction to fire /
PN-EN 15824: 2017 / external and internal plasters on organic binders /

Research Unit:

Łukasiewicz Research Network - Institute of Ceramics and Building Materials in
Kraków



Declared performance:

PROPERTIES	CATEGORY	REQUIREMENTS	DECLARED PERFORMANCE
Adhesion to the substrate	MPa – B	$\geq 0,3$ MPa	0,7 MPa +/- 0,2
Water vapor permeability	V ₃	≤ 15 g/m ² d	6,2 g/m ² d
Water absorption	W ₃	$\leq 0,1$ kg/m ² 24 ^h	0,01 kg/m ² 24 ^h
Reaction to fire	B-s1, d0	PN-EN 13501-1	B-s1, d0
TSR	93%		93%
LAMBDA – thermal conductivity	W/mK		$\lambda = 0,000120$ W/mK – PSC $\lambda = 0,000416$ W/mK – PSC ECI Interior

The performance of the product identified above is consistent with all the above-mentioned, declared performance.

This CE declaration of conformity has been issued under the responsibility of the manufacturer.

CE

Best regards,



Ing. Jean Kocian

CEO

ALPHA Construction AG


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