

**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

ALPHA Construction AG  
Bahnhofstrasse 20,  
6300 Zug  
Switzerland

**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	V3	$\leq 15$ g/m <sup>2</sup> d	6,2 g/m <sup>2</sup> d
Water absorption	W3	$\leq 0,1$ kg/m <sup>2</sup> 24 <sup>h</sup>	0,01 kg/m <sup>2</sup> 24 <sup>h</sup>
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.



Best regards,



Ing. Jean Kocian

CEO

ALPHA Construction AG



**ALPHA**  
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