

DECLARATION OF PERFORMANCE No.: TEE 1 2018

1	Unique identification code of the product-type:	TYTAN ETICS EPS External Thermal Insulation Composite Systems with rendering on polystyrene		
2	Intended use:	This ETICS is intended for use as external insulation of buildings' walls. The walls are made of masonry (bricks, blocks, stones) or concrete (cast on site or as prefabricated panels). The ETICS can be used on new or existing (retrofit) vertical walls. It can also be used on horizontal or inclined surfaces which are not exposed to precipitation.		
3	Manufacturer:	Selena FM S.A. ul.Strzegomska 2-4, 53-611 Wroclaw, Poland www.selena.com		
4	Authorised representative:	Not applicable		
5	System/s of AVCP:	2+		
6a	Harmonised standard: Notified body/ies:	Not applicable		
6b	European Assessment Document:	ETAG 004: version February 2013		
	European Technical Assessment:	ETA 16/0161 of 25/01/2018		
	Technical Assessment Body: Notified body:	Instytut Ceramiki i Materiałów Budowlanych Notified body no.: 1487 - Instytut Ceramiki i Materiałów Budowlanych		
7	Declared performances:			
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VI	Release of dangerous substances		NPD		ETAG 004: clause 5.1.3.5		
VII	Bond strength between base coat and insulation product		≥ 0,08 MPa		ETAG 004: clause 5.1.4.1.1		
VIII	Bond strength between adhesive and substrate				ETAG 004: clause 5.1.4.1.2		
	Initial state	48 h immersion in water + 2 hours 23°C/50% RH		48 h immersion in water + 7 days 23°C/50% RH			
	≥ 0,25 MPa	≥ 0,08 MPa		≥ 0,25 MPa			
IX	Bond strength between adhesive and insulation product				ETAG 004: clause 5.1.4.1.3		
	Initial state	48 h immersion in water + 2 hours 23°C/50% RH		48 h immersion in water + 7 days 23°C/50% RH			
	≥ 0,08 MPa	≥ 0,03 MPa		≥ 0,08 MPa			
	*minimal bonded surface area S: 38 %						
X	Bond strength of foam adhesive		≥ 0,08 MPa		ETAG 004: clause 5.1.4.1.4		
	*Minimal bonded surface area S: 40 %						
XI	Bond strength after ageing		≥ 0,08 MPa		ETAG 004: clause 5.1.7.1		
XII	Render strip tensile test		NPD		ETAG 004: clause 5.5.4.1		
XIII	Shear strength and shear modulus of foam adhesive				ETAG 004: clause 5.7.4.1		
			Shear strength (kPa)		Shear modulus (kPa)		
	Tytan Szybki klej do styropianu (IS13)	≥106			≥276		
	Tytan Szybki klej do styropianu (IS 13)E	≥78			≥593		
XIV	Post expansion behaviour of foam adhesive				ETAG 004: clause 5.7.4.2		
		Expansion (mm) after:					
		5min.	10min.	20min.	40min.	60min.	24h
	Tytan Szybki klej do styropianu (IS13)	7	8	8	8	8	8
	Tytan Szybki klej do styropianu (IS 13)E	2	2	3	3	3	3
XV	Airborne sound insulation		NPD		ETAG 004: clause 5.1.5.1		
XVI	Thermal resistance		Calculated from the formula acc. to 3.5.1 of ETA 16/0161		ETAG 004: clause 5.1.6.1		
XVII	Sustainable use of natural resources		NPD				
8	Appropriate Technical Documentation and/or Specific Technical Documentation:		-				

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Ewa Blicharczyk



Wrocław 05.02.2018

Manager of Chemical Regulation and Technical Documentation