

DEKLARACJA WŁAŚCIWOŚCI UŻYTKOWYCH Nr 01852

Unique identification code of the product-type:

Ceresit Ceretherm Ceramic EPS

2. Intended use/es:

3.

This ETICS is intended to be used as external insulation applied on the walls of buildings. The walls are made

of masonry (bricks, blocks, stones, etc.) or concrete (cast on site or as prefabricated panels.

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Not relevant

Manufacturer: 4. Authorized representative:

System/s of assessment and

verification of constancy of performance:

System 2+

Harmonized standard/s:

Not relevant

6b. European Assessment Document:

EAD 040287-00-0404

European Technical Assessment: Technical Assessment Body:

ETA-23/0066 of 31/07/2023 Instytut Techniki Budowlanej

Notified body/ies:

Instytut Techniki Budowlanej, nr 1488, Zakład Certyfikacji 1488-CPR-0700/Z

Declared performance/s:

No	Essential characteristic	Assessment method								
				Safetv in	case of fire (BWR	2)				
1.	Reaction to fire Class according to EN 13501-1	Base adhesiwes: (Glass fibre meshe	CERETHERM CERAMIC Ceresit CT 80, CT 83, EP s: Ceresit CT 325, Base o , CM 22, Cladding tiles, G	ccording to EN 13501-1, 0, CT 85, Adhesiwe for tiles: Ceresit CM 16, CM 16			B – s1, d0			
2.	Façade fire performance	No performance assessed								
				Hygiene, health a	nd the environmen	6 (BWR 3)				
3.	Water absorption of the reinforced	Wodochłonność warstwy zbrojonej Ceresit CT 80			After 3 minutes (kg/m²)		After 1 hou (kg/m²)	r Af	After 24 hours (kg/m²)	
	base coad.		0,04		0,06		0,31			
			0,02	0,02			0,16			
		Water absorption	of the ETICS			After 3 min (kg/m²		After 1 hour (kg/m²)	After 24 hour (kg/m²)	
	2	Base coat Ceresit CT 80 + cl	adding adhesive +	Ceramic tiles			0,01	0,00	0,01	
1			cated hereafter + grout	Natural stone til	es - granite		0,01	0,03	0,12	
		Oladaling theo mail	ated Herediter - great	Natural stone til	es - sandstone	 	0.84	0.74	1,41	
i i		Base coat		Ceramic tiles	www. Nation has the Mark		0.041.540.55			
		Ceresit CT 85 + cladding adhesive +		Natural stone tiles - granite		-	0,01	0,00	0,02	
			cated hereafter + grout	Natural stone til		-	0,01	0,03	0,12	
1.	Water vapour	Components	g.out		es - sandstone Equivalent air thicl	mass Sd m			7 (m² * a * Pa)//ca	
	permeability	Base coat Ceresit	CT 83		0.04	mess su,m	2.09 * 10	por diffusion resistance	Z,(ms-Pa)/kg	
Į.	(resistance to		CT 80 (with reinforcemen		0,04		3,13 * 10			
1	water vapour		CT 85 (with reinforcemen		0,06		2.70 * 10			
- 3	diffusion)		Ceresit CM 17 PRO		0.07					
ì	55010080001859AU\$	Grout Ceresit CE 4			0,10		3,21 * 10			
ì		Grout Ceresit CE 4								
		Grout Ceresit CE 2			0,08		4,10 * 10 2.42 * 10			
			num diffusion resistanc		0,05	TI - I			- 1	
	3	ETICS with maxin		e		Thickness, m	nm Water va	por diffusion resistance	Z,(m² * s * Pa)/kg	
		Base adhesive Ce		50		9,96 * 10				
		Base adhesive Ce	resit CT 80 (with reinforce Ceresit CM 17 PRO.	ement)	100		1,01 * 10	12		
		Grout Ceresit CE 4	40 (max. width 10 mm) ral stone tiles – granite (n	n) 150		1,03 * 10	12			
		(percentage of gra	nite tiles is 98% percenta	200		1,04 * 10	12			
				250	.,,,,					
				The state of	300		1,07 * 10	12		
		μΕPS=60, μ ceramic tiles=40, μ granite=10000, μ sandstone=40, wg EN 10456								
5.	Accelerated	Accelerated ageing behaviour Combined hygrothermal and freeze-thaw cycles.								
	ageing behavior	The ETICS is assessed resistant to combined hygrothermal and freeze-thaw cycles on the rig. ETICS passed the test without defects. Resistant to combined hygrothermal and freeze-thaw cycles.								
		nygroutermina and intercental expenses of the strength of the								
		Insulation product	ation ETICS configuration			Bond st freeze-i	Bond strength after combined hygrothermal and freeze-thaw cycles, MPa		Ratio: Bond strength after combined hygrothermal and freeze-thaw cycle: / bond strength in dry conditions	
						Mean v	alue	Min value		
		EPS panels Base coat Ceresit CT 80 +	Ceramic tiles	Failure in the insulation produ			0,14	1,66		
		cladding adhesive + Cladding tiles		Natural stone tiles - granite	insulation produ			0,15	1,77	
		500	indicated hereafter + grout	Natural stone tiles - sandstone	insulation produ			0,13	1,55	
		EPS panels	Base coat	Ceramic tiles	Failure in the insulation produ	0,15		0,14	1,25	

			Ceres	sit CT 85 +	Natural stone tiles	Failure in the	0,1	5	0,14	1,25	
			Cladd	ited hereafter	- granite Natural stone tiles - sandstone	insulation product Failure in the insulation product	0,1	5	0,13	1,25	
	T		+ gro	ut	Safety and acce	l essibility in use (BW	(R 4)				
	Wind load resistance	No relevant							5		
7.	Impact resistance				g adhesive + Claddir	Impact resistance Base coat adhesive + Cladding tiles indicated hereafter Ceresit CT 85 + cl qrout			adding adhesive + Cladding tiles indicated hereafter		
			+ gro	mic tiles	Natural stone tiles granite	sandstone		Ceramic tiles	Natural stone tiles - granite	Natural stone til	
		H1 (1 J)		==				8.82		-	
		H2 (3 J) H3 (10 J)	Skin	not deteriorated	Skin not deteriorated	Skin not deteriorate	ed	Skin not deteriorated dy impact	Skin not deteriorated	Skin not deteriorated	
		S1 (10 J)	2			12	JOIL BO	-	-	-	
		S 3 (300 J) S2 (60 J) S 4 (400 J)	Skin	not deteriorated	Skin not deteriorated	Skin not deteriorate	ed	Skin not deteriorated	Skin not deteriorated	Skin not deteriorated	
			Category I		Category I ily accessible at grou	Category I und level to the public		ategory Category I nerable to hard body or	Category I npacts but not subjected to at	Category I conormally rough us	
	Bond strength						e adhes	ive and the substrate.			
		Substrate	В	ase adhesive	Conditioning before the test			Rupture type	Bond strength (kPa) ≥ 250		
		Concrete	C	Ceresit CT 80	(dry conditions) 2 days immersion in water and 2 horus drying			% cohesive failure in the base adhesive	≥ 80		
						n in water and min 7 s drying			≥ 250		
					Initi	al state onditions)			≥ 250		
		Concrete		Ceresit CT 83	2 days immersion in water and 2 horus drying 2 days immersion in water and min 7 days drying			% cohesive failure in the base adhesive	≥ 80		
									≥ 250		
		Insulation product adhesive		Bond strength between the adhesiv Conditioning before the test			I the insulation product re type	Bond strength (kPa)			
								adhesive failure in sulation product	≥ 80		
		EPS panels		Ceresit CT 80	2 days immersion	in water and 2	Adhes	sive / cohesive failure	≥ 80		
		EF3 pariets		Ceresit C 1 60	horus drying 2 days immersion	in water and min	100 %	insulation product cohesive failure in	≥ 80		
		EPS panels			7 days drying Initia (dry conditions)	l state	100 %	sulation product adhesive failure in	≥ 80		
				Ceresit CT 83	2 days immersion in water and 2 horus drying 2 days immersion in water and min 7 days drying		une ins	sulation product	≥ 80		
								cohesive failure in sulation product	≥ 80		
		EPS panels			Initial state (dry conditions)		Adhes	sive / cohesive failure insulation product	≥ 80		
					2 days immersion in water and 2 horus drying 2 days immersion in water and min 7 days drying		Adhesive / cohesive failure in the insulation product 100 % cohesive failure in the insulation product ≥ 80 the insulation product		≥ 80		
				Ceresit CT 85							
		Bond Insulation produ		gth between the e	xternal layers (skin External layers	and reinforced bas		and the insulation pro tioning before the test	duct Rupture type	Bond strength	
		, solidati, product			Ceramic tiles Natural stone tiles - granite Ceramic tiles		Initial state		Adhesive / cohesive	(kPa) Min.	
							2 days	onditions) s immersion in water horus drying	failure in the insulation product	70	
				Base coat Ceresit CT 80			2 days	s immersion in water nin 7 days drying	100 % adhesive failure in the insulation product	80	
				+ cladding adhesive +				Initial state onditions)	100 % cohesive failure in the insulation product	100	
				Cladding tiles indicated hereafter +	Natural stone tiles - granite Ceramic tiles		0000	Initial state onditions)	Adhesive / cohesive failure in the insulation product	90	
			grout					s immersion in water horus drying	100 % adhesive failure in the insulation product	80	
							2 day	s immersion in water nin 7 days drying	100 % cohesive failure in the insulation product	110	
					Natural stone tiles - granite			Initial state onditions)	Adhesive / cohesive failure in the insulation	70	
		EPS panels						s immersion in water	product 100 % adhesive failure in	80	
							2 day	horus drying s immersion in water nin 7 days drying	the insulation product 100 % cohesive failure in the insulation product	80	
		Insulation product		External layers				itioning before the test	Rupture type	Bond strength (kPa)	
				Base coat Ceramic tile Ceresit CT 85 Natural ston		s - granite∍ Հ	(dry c	Initial state onditions)	Adhesive / cohesive failure in the insulation	Min. 100	
				+ cladding adhesive +	AND STREET STREET, STREET STREET, STRE	n Hacrovin	2 day	s immersion in water	product 100 % adhesive failure in	100	
				Cladding tiles indicated			2 day	horus drying s immersion in water	the insulation product 100 % cohesive failure in	110	
				hereafter + grout	nereafter +		and m	nin 7 days drying Initial state	the insulation product Adhesive / cohesive	110	
					Natural stone tile	s - granite	025-315-06-3	onditions) s immersion in water	failure in the insulation product 100 % adhesive failure in	90	
		Płyty EPS						s immersion in water horus drying	the insulation product	30	

15	Thermal conductivity and thermal resistance.	Soc Appear A7	See Annex A7.				
		Energy econom and he	eat retention (BWR 6)				
14	Improvement of airborne sound insulation	No performance assessed					
		Protection agains	t noise (BWR 5)				
13	Pull-out resistance (foam block test)	Not reviewant.					
12	Pull-through resistance	Not reviewant.					
11	Dead load behaviour	No performance assessed					
LO	Shear strength of the thermal insulation panel.	No performance assessed (See annex B for thermal insulation product characteristics – in case of dry conditions)					
)	Tensile strength of thermal insulation panel.	No performance assessed	and min 7 days drying	the insulation product	181 2024		
			2 days immersion in water and 2 horus drying 2 days immersion in water	100 % adhesive failure in the insulation product 100 % cohesive failure in	110		
		Ceramic tiles	Initial state (dry conditions)	Adhesive / cohesive failure in the insulation product	110		
		0 1 10	2 days immersion in water and min 7 days drying	100 % cohesive failure in the insulation product	110		

7.	Appropriate Technical Documentation					
	and/or Specific Technical Documentation:					

Not relevant

The performance of the product identified above is in conformity with the set of declared performance/s. 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:

Joanna Jarzyna Chemist Product Development	Piotr Urynek
AC Global PD Fasade Systems	Kierownik ds. Jakości CEE North
foanna ferryna	
(imię i nazwisko , stanowisko)	(imię i nazwisko , stanowisko)
(podpis)	(podpis)
	Stąporków, 10.10.2023
	(miejsce i data wydania)

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