

DECLARATION OF PERFORMANCE

No. 00428

1. Unique identification code of the product-type: CERESIT CERETHERM PREMIUM
2. Intended use/s: External Thermal Insulation System with rendering
3. Manufacturer: Henkel Polska Operations Sp. z o.o., ul. Domaniewska 41, 02-672 Warszawa
4. Authorized representative: Not relevant
5. System/s of assessment and verification of constancy of performance: System 2+
- 6a. Harmonized standard/s: Not relevant
- 6b. European Assessment Document: EAD 040083-00-0404
European Technical Assessment: ETA-08/0308 of 30/06/2023
Technical Assessment Body: Instytut Techniki Budowlanej
Notified body/ies: Instytut Techniki Budowlanej, nr 1488, Zakład Certyfikacji 1488-CPR-0363/Z
7. Declared performance/s:

No	Essential characteristics	Performance	System/s of AVCP	Harmonised technical specification
1	Reaction to fire			
	ETICS CERESIT CERETHERM PREMIUM with EPS boards (reaction to fire Class E): -Adhesives based on cement: Ceresit CT83, Ceresit CT87 -Adhesives based on PU: Ceresit CT84 -Base coat: Ceresit CT87 -Finishing coats: Ceresit CT34, Ceresit CT35, Ceresit CT137, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT175, Ceresit CT60, Ceresit CT63, Ceresit CT64, Ceresit CT79 -Decorative coats: Ceresit CT42, Ceresit CT44, Ceresit CT48, Ceresit CT49, Ceresit CT54	B – s1, d0		
	ETICS CERESIT CERETHERM PREMIUM with EPS boards (reaction to fire Class E): -Adhesives based on cement: Ceresit CT83, Ceresit CT87 -Base coat: Ceresit CT87 -Finishing coats: Ceresit CT77, Ceresit CT177	B – s1, d0		
	ETICS CERESIT CERETHERM PREMIUM with EPS boards (reaction to fire Class E): -Adhesives based on PU: Ceresit CT84 -Base coat: Ceresit CT87 -Finishing coats: Ceresit CT77, Ceresit CT177	B – s2, d0		
2	Water absorption after 1 hour Base coat Ceresit Ceresit CT87	< 1,0 kg/m ²		
	Water absorption after 24 hours Base coat Ceresit Ceresit CT87	< 0,5 kg/m ²		
	Water absorption after 24 hours Rendering system: Base coat Ceresit CT87 (with the key coat) and: Ceresit CT34, Ceresit CT35, Ceresit CT 137, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT175, Ceresit CT60, Ceresit CT63, Ceresit CT64, Ceresit CT77, Ceresit CT177, Ceresit CT79			
3	Condition after thermal and humid cycles	Resistant		
4	Condition after freeze and thaw cycles	Resistant		
5	Impact resistance Rendering system: Base coat Ceresit CT87 (with the key coat) and: Ceresit CT34, Ceresit CT35, Ceresit CT137	Category III		
	Ceresit CT60, Ceresit CT63, Ceresit CT64, Ceresit CT175, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT77, Ceresit CT177, Ceresit CT174 1,0; 1,5mm; 2,0mm, Ceresit CT79	Category II		
		Category I		
6	Water vapour permeability Rendering system: Base coat Ceresit CT87 (with the key coat) and: Ceresit CT34, Ceresit CT35, Ceresit CT 137, Ceresit CT60, Ceresit CT63, Ceresit CT64, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT175, Ceresit CT79, Ceresit CT77, Ceresit CT177	≤ 1,0m		
7	Dangerous substances	see MSDS		
8	Bond strength between base coat and insulation product (EPS) Base coat Ceresit CT87			
	Under dry conditions	≥ 80 kPa		
	After hydrothermal cycles on the rig	≥ 80 kPa		
	After freeze/thaw cycles	Test is not required; freeze/thaw cycles not necessary		
9	Bond strength between: adhesive-substrate (concrete)			
	Adhesives:	Ceresit CT83, Ceresit CT87		
	Under dry conditions	≥ 250 kPa		
	48h immersion in water + 2h drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 80 kPa		
	48h immersion in water + 7 days drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 250 kPa		
10	Adhesion between: adhesive-thermal insulation product (EPS)			
	Adhesives:	Ceresit CT83, Ceresit CT87		
	Under dry conditions	≥ 80 kPa		
	48h immersion in water + 2h drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 30 kPa		
	48h immersion in water + 7 days drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 80 kPa		
11	Bond strength of PU foam Adhesives Ceresit CT84			
	EPS TR150-adhesive-substrate (concrete)			
	Application conditions	Foam Thickness Test conditions Bond strength		

	Standard application conditions	8 ± 1mm	23°C, 50%RH	≥ 80 kPa		
	Modification of thickness	15 ± 1mm	23°C, 50%RH	≥ 80 kPa		
	Modification of open time (max 4 min.)	8 ± 1mm	23°C, 50%RH	≥ 80 kPa		
	Modification of temperature: low temp.	8 ± 1mm	0°C,	≥ 80 kPa		
	Modification of temperature: high temp.	8 ± 1mm	40°C, 30%RH	≥ 80 kPa		
12	Tensile strength perpendicular to the faces of EPS					
		≥ 80 kPa	≥ 100 kPa	≥ 150 kPa		
	Adhesives: Ceresit CT83, Ceresit CT87, Ceresit CT84	40%	40%	40%		
13	Fixing strength (transverse displacement test)	Test is not required because the ETICS fulfils the criteria E * d ≤ 50.000N/mm				
14	Thermal resistance and thermal transmittance of ETICS	See Annex A 10				
15	Bond strength after ageing Rendering system: Base coat Ceresit CT87 (with the key coat) and: Ceresit CT34, Ceresit CT35, Ceresit CT 137, Ceresit CT60, Ceresit CT63, Ceresit CT64, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT175, Ceresit CT79, Ceresit CT77, Ceresit CT177	≥ 80 kPa				
16	Characteristics of other system components					
	Thermal insulation product (EPS Panels)	Acc. ETA-08/0308 Annex B				
	Anchors	Acc. ETA-08/0308 Annex C1				
	Glass fibre meshes	Acc. ETA-08/0308 Annex C2				

Foregoing parameters are applicable to the use of the system consisting of Ceresit Ceretherm Premium:

- Adhesives: Ceresit CT 83, Ceresit CT 87, Ceresit CT 84;
- Base coat: Ceresit CT87
- Finishing coats: Ceresit CT 34, Ceresit CT 35, Ceresit CT 137, Ceresit CT 72, Ceresit CT 73, Ceresit CT 74, Ceresit CT 75, Ceresit CT 174, Ceresit CT 175, Ceresit CT 60, Ceresit CT 63, Ceresit CT 64, Ceresit CT 79, Ceresit CT 77, Ceresit CT 177
- Decorative coats: Ceresit CT 42, Ceresit CT 44, Ceresit CT 48, Ceresit CT 49, Ceresit CT 54
- Insulation product: EPS panels acc. EN 13163; (see ETA-08/0308 Annex B for product characteristics)
- Anchors: acc. ETA-08/0308 Annex C1 for product characteristics
- Glass fibre meshes: Ceresit CT 325; (see ETA-08/0308 Annex C2 for product characteristics)

8. 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
AC Global PD Fasade Systems

(name and function)

(signature)

Piotr Urynek
Quality Manager CEE North

(name and function)

(signature)

Śląporków, 15.11.2023

(place and date of issue)