



DECLARATION OF PERFORMANCE No. 00426

1. Unique identification code of the product-type: **Ceresit Ceretherm Popular**
2. Intended use/es: **External Thermal Insulation System with rendering**
3. Manufacturer: **Henkel Polska Operations Sp. z o.o., ul. Domaniewska 41, 02-672 Warszawa**
It is produced in the following manufacturing plants:
- 1) Henkel Polska Operations Sp. z o.o., Stara Góra, 26-220 Stąporków
 - 2) Henkel Polska Operations Sp. z o.o., Pieszyccka 6, 58-200 Dzierżoniów
 - 3) Henkel Polska Operations Sp. z o.o., Wrząca, 64-905 Stobno
 - 4) Henkel Balti Operations OÜ, Klassi 9, 50409 Tartu, Estonia
 - 5) Henkel Bulgaria Operations EOOD, Building Materials Plant, Mirovjane, 1289 Sofia, Bulgaria
 - 6) Henkel Srbija d.o.o. Production Site Indjija, Save Kovacevica b.b, 22320 Indjija, Serbia
 - 7) Henkel Romania Operations SRL, Soseaua de Centura Pantelimon no 78, km 26, Soseaua de Centura Pantelimon, Rumunia
 - 8) Henkel Romania Operations SRL, Factory Campia Turzii, 405100 Street Iancu Jianu 33, Rumunia
 - 9) Henkel Romania Operations SRL, Str. Paltinului, nr. 1392, Roznov, jud. Neamt, Romania
 - 10) Henkel Adhezivi BH d.o.o., Drakuljica bb, 89230 Bileća, Bosna i Hercegovina
4. Authorized representative: **N/A**
5. System/s of assessment and verification of constancy of performance: **System 2+**
- 6a. Harmonized standard/s: **N/A**
- 6b. European Assessment Document: **ETAG 004:2013**
European Technical Assessment: **ETA-08/0309 of 30/06/2016**
Technical Assessment Body: **Instytut Techniki Budowlanej**
Notified body/ies: **Instytut Techniki Budowlanej, nr 1488, Zakład Certyfikacji 1488-CPR-0382/Z**
7. Declared performance/s:

No	Essential characteristics	Performance	System/s of AVCP	Harmonised technical specification
1	Reaction to fire ETICS CERESIT CERETHERM POPULAR with EPS boards (reaction to fire class E) and rendering system: - Adhesives based on cement: Ceresit ZS / Ceresit CT81, Ceresit ZU / Ceresit CT82 - Adhesives based on PU foam: Ceresit CT84 - Base coat: Ceresit ZU / Ceresit CT82 - 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, Ceresit CT720 (with relevant key coats) - Decorative coats: Ceresit CT42, Ceresit CT44, Ceresit CT48, Ceresit CT49, Ceresit CT54, Ceresit CT721	B – s1, d0	System 2+	ETAG 004:2013
	ETICS CERESIT CERETHERM POPULAR with EPS boards (reaction to fire class E) and rendering system: - Adhesives based on cement: Ceresit ZS / Ceresit CT81, Ceresit ZU / Ceresit CT82 - Adhesives based on PU foam: Ceresit CT84 - Base coat: Ceresit ZU / Ceresit CT82 - Finishing coats: Ceresit CT77, Ceresit CT177 (with relevant key coats)	B – s2, d0		
2	Water absorption after 1 hour Base coat Ceresit ZU / Ceresit CT82	< 1,0 kg/m ²		
	Water absorption after 24 hours Base coat Ceresit ZU / Ceresit CT82	< 0,5 kg/m ²		
	Water absorption after 24 hours Rendering system: Base coat Ceresit ZU / Ceresit CT82 (with the key coat) and: Ceresit CT34, Ceresit CT35, Ceresit CT137, Ceresit CT60, Ceresit CT63, Ceresit CT64, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT175, Ceresit CT77, Ceresit CT177, Ceresit CT79, Ceresit CT720 + Ceresit CT721			
3	Condition after thermal and humid cycles	Resistant		
4	Condition after freeze and thaw cycles	Resistant		
5	Impact resistance Rendering system: Base coat Ceresit ZU / Ceresit CT82 (with the key coat) and: Ceresit CT34, Ceresit CT35, Ceresit CT137, Ceresit CT174 1,0mm	Category III		
	Ceresit CT60, Ceresit CT63, Ceresit CT64, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174 1,5mm; 2,0mm, Ceresit CT175, Ceresit CT720 + Ceresit CT721	Category II		
	Ceresit CT77, Ceresit CT177, Ceresit CT79	Category I		
6	Water vapour permeability Rendering system: Base coat Ceresit ZU / Ceresit CT82 (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 CT77, Ceresit CT177, Ceresit CT79, Ceresit CT720 + Ceresit CT721	≤ 1,0m		
7	Dangerous substances	see MSDS		

8	Bond strength between base coat and insulation product (EPS) Base coat Ceresit Ceresit ZU / Ceresit CT82			
	Under dry conditions	≥ 0,08MPa		
	After hydrothermal cycles on the rig	≥ 0,08MPa		
9	Bond strength between: adhesive-substrate (concrete)			
	Adhesives:	Ceresit ZS / Ceresit CT81, Ceresit ZU / Ceresit CT82		
	Under dry conditions	≥ 0,25MPa		
	48h immersion in water + 2h drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 0,08MPa		
10	Adhesion between: adhesive-thermal insulation product (EPS)			
	Adhesives:	Ceresit ZS / Ceresit CT81, Ceresit ZU / Ceresit CT82		
	Under dry conditions	≥ 0,08MPa		
	48h immersion in water + 2h drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 0,03MPa		
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	≥ 0,08MPa
	Modification of thickness	15 ± 1mm	23°C, 50%RH	≥ 0,08MPa
	Modification of open time (max 4 min.)	8 ± 1mm	23°C, 50%RH	≥ 0,08MPa
	Modification of temperature: low temp.	8 ± 1mm	0°C	≥ 0,08MPa
	Modification of temperature: high temp.	8 ± 1mm	40°C, 30%RH	≥ 0,08MPa
12	Tensile strength perpendicular to the faces of EPS			
	Adhesives: Ceresit ZS / Ceresit CT81, Ceresit ZU / Ceresit CT82, Ceresit CT84	40%	≥ 100 kPa 40%	≥ 150 kPa 40%
13	Fixing strength (displacement test)	Test is not required; as ETICS complies the requirements of ETAG 004 p.5.1.4.2		
14	Thermal resistance	Calculated from the thermal resistance of the insulation product acc. ETA-08/0309 p. 3.5.1		
15	Bond strength after ageing Rendering system: Base coat Ceresit Ceresit ZU / Ceresit CT82 (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 CT77, Ceresit CT177, Ceresit CT79, Ceresit CT720 + Ceresit CT721	≥ 0,08MPa		
16	Characteristics of other system components			
	Thermal insulation product (EPS Panels)	Acc. ETA-08/0309 Annex 1		
	Anchors	Acc. ETA-08/0309 Annex 2		
	Glass fibre meshes	Acc. ETA-08/0309 Annex 3		
	PU foam adhesive characteristic	Acc. ETA-08/0309 Annex 3		

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

- Adhesives: Ceresit ZS / Ceresit CT 81, Ceresit ZU / Ceresit CT 82, Ceresit CT 84
- Base coat: Ceresit ZU / Ceresit CT 82
- Finishing coats: Ceresit CT 34, Ceresit CT 35, Ceresit CT 137, Ceresit CT 720, 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 77, Ceresit CT 177, Ceresit CT 79
- Decorative coats: Ceresit CT 42, Ceresit CT 44, Ceresit CT 48, Ceresit CT 49, Ceresit CT 54, Ceresit CT 721
- Insulation product: EPS panels acc. EN 13163; (see ETA-08/0309 Annex 1 for product characteristics)
- Glass fibre meshes: Ceresit CT 325; (see ETA-08/0309 Annex 3 for product characteristics)
- Anchors: see ETA-08/0309 Annex 2 for product characteristics

8. Appropriate Technical Documentation and/or Specific Technical Documentation: N/A

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:

Dagmara Kwiatkowska
AC Global PD TG Facade Systems, IDC ETICS
ETICS Manager

Piotr Urynek
Quality Manager CEE North

(name and function)

(name and function)

(signature)

(signature)

Staporków, 12.03.2018

(place and date of issue)