



DECLARATION OF PERFORMANCE No. 00433

1. Unique identification code of the product-type: **Ceresit Ceretherm Universal EPS**
 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., Pieszycza 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: **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: **ETAG 004:2013**
 European Technical Assessment: **ETA-13/0535 of 28/09/2016**
 Technical Assessment Body: **Instytut Techniki Budowlanej**
 Notified body/ies: **Instytut Techniki Budowlanej, nr 1488, Zakład Certyfikacji 1488-CPR-0457/Z**

7. Declared performance/s:

No	Essential characteristics	Performance	System/s of AVCP	Harmonised technical specification
1	Reaction to fire ETICS CERESIT CERETHERM UNIVERSAL EPS with EPS boards (reaction to fire class E) and rendering system: - Adhesives based on cement: Ceresit CT80 / CeresitThermo Universal - Base coat: Ceresit CT80 / Ceresit Thermo Universal - Finishing coats: Ceresit CT35, Ceresit CT137, Ceresit CT720, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT175, Ceresit CT59, Ceresit CT60 (1,5 to 2,5mm), Ceresit CT63, Ceresit CT64 (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 UNIVERSAL EPS with rendering system including finishing coat CT60 (0,5 to 1,0mm)	No performance assessed		
2	Water absorption after 1 hour Base coat Ceresit CT80 / Ceresit Thermo Universal	< 1,0 kg/m ²		
	Water absorption after 24 hours Base coat Ceresit CT80 / Ceresit Thermo Universal	< 0,5 kg/m ²		
	Water absorption after 24 hours Rendering system: Base coat Ceresit CT80 / Ceresit Thermo Universal (with the key coat) and: Ceresit CT35, Ceresit CT137, Ceresit CT60, Ceresit CT72, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT59, 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 CT80 / Ceresit Thermo Universal (with the key coat) and: Ceresit CT35, Ceresit CT137	Category III		
	Ceresit CT720 + Ceresit CT721, Ceresit CT60, CT63, Ceresit CT64, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT175, Ceresit CT59	Category II		
6	Water vapour permeability Rendering system: Base coat Ceresit CT80 / Ceresit Thermo Universal (with the key coat) and: Ceresit CT35, Ceresit CT137, Ceresit CT720 + Ceresit CT721, Ceresit CT60, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT175, Ceresit CT59	≤ 1,0m		
7	Dangerous substances	see MSDS		
8	Bond strength between base coat and insulation product (EPS) Base coat Ceresit CT80 / Ceresit Thermo Universal			
	Under dry conditions	≥ 0,08MPa		
	After hydrothermal cycles on the rig	≥ 0,08MPa		
	After freeze/thaw cycles	Test is not required; freeze/thaw cycles not necessary		
9	Bond strength between: adhesive-substrate (concrete)			
	Adhesives:	Ceresit CT80 / Ceresit Thermo Universal		
	Under dry conditions	≥ 0,25MPa		
	48h immersion in water + 2h drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 0,08MPa		
	48h immersion in water + 7 days drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 0,25MPa		

10	Adhesion between: adhesive-thermal insulation product (EPS)	Ceresit CT80 / Ceresit Thermo Universal
	Adhesives:	≥ 0,08MPa
	Under dry conditions	≥ 0,03MPa
	48h immersion in water + 2h drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 0,08MPa
11	48h immersion in water + 7 days drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 0,08MPa
	Fixing strength (displacement test)	Test is not required; as ETICS complies the requirements of ETAG 004 p.5.1.4.2
12	Bond strength after ageing	
	Rendering system: Base coat Ceresit CT80 / Ceresit Thermo Universal (with the key coat) and: Ceresit CT35, Ceresit CT137, Ceresit CT720 + Ceresit CT721, Ceresit CT60, Ceresit CT63, Ceresit CT64, Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT175, Ceresit CT59	≥ 0,08MPa
13	Characteristics of other system components	
	Thermal insulation product (EPS Panels)	Acc. ETA-13/0535 Annex 1
	Glass fibre meshes	Acc. ETA-13/0535 Annex 2

Foregoing parameters are applicable to the use of the system consisting of Ceresit Corethorm Universal EPS

- Adhesives: Ceresit CT 80 / Ceresit Thermo Universal
- Base coat: Ceresit CT 80 / Ceresit Thermo Universal
- Key Coats: Ceresit CT 15, Ceresit CT 16
- Finishing coats: 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 59
- 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-13/0535 Annex 1 for product characteristics)
- Glass fibre meshes: Ceresit CT 325; (see ETA-13/0535 Annex 2 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:

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

(name and function)

(signature)

Piotr Urynek
Quality Manager CEE North

(name and function)

(signature)

Stąporków, 01.06.2017

(place and date of issue)