DECLARATION OF PERFORMANCE
No. 00436

1. Unique identification code of the product-type: **Ceresit Ceretherm Impactum**
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., Pieszycka 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, Bułgaria
   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 13/0086 z 08/02/2017**

Technical Assessment Body: **Instytut Techniki Budowlanej**

Notified body/ies: **Instytut Techniki Budowlanej, nr 1488, Zakład Certyfikacji 1488-CPR-0407/Z**

7. Declared performance/s:

No	Essential characteristics	Performance	System/s of AVCP	Harmonised technical specification
1	Reaction to fire		System 2+	ETAG 004:2013
	ETICS CERESIT CERETHERM IMPACTUM with EPS boards (reaction to fire Class E) and rendering system: -Adhesives acc. ETA-13/0086 Table 1 -Base coat: Ceresit CT100 -Finishing coats: acc. ETA-13/0086 Table 1	B - s2, d0		
2	Water absorption after 1 hour Base coat Ceresit CT100	< 1,0 kg/m^2		
	Water absorption after 24 hours Base coat Ceresit CT100	< 0,5 kg/m2		
	Water absorption after 24 hours Rendering system: Base coat Ceresit CT100 and: Ceresit CT60 1,5mm; Ceresit CT72 1,5mm; Ceresit CT74 1,5mm; Ceresit CT79 1,5mm; Ceresit CT174 1,5mm; Ceresit CT77			
3	Condition after thermal and humid cycles	Resistant		
4	Condition after freeze and thaw cycles	Resistant		
5	Impact resistance Rendering system: Base coat Ceresit CT100 and:			
	Single standard mesh Ceresit CT325 and: Ceresit CT60 1,5mm; Ceresit CT72 1,5mm; Ceresit CT74 1,5mm; Ceresit CT79 1,5mm; Ceresit CT174 1,5mm; Ceresit CT77	Category I		
	Double standard mesh Ceresit CT325 and: Ceresit CT60 1,5mm; Ceresit CT72 1,5mm; Ceresit CT74 1,5mm; Ceresit CT79 1,5mm; Ceresit CT174 1,5mm; Ceresit CT77	Category I		
	Ceresit CT325 + Ceresit CT327 (standard mesh + reinforcement mesh) and: Ceresit CT60 1,5mm; Ceresit CT72 1,5mm; Ceresit CT74 1,5mm; Ceresit CT79 1,5mm; Ceresit CT174 1,5mm; Ceresit CT77	Category I		
6	Water vapour permeability Rendering system: Base coat Ceresit CT100 and: Ceresit CT60 1,5mm; Ceresit CT72 1,5mm; Ceresit CT74 1,5mm; Ceresit CT79 1,5mm; Ceresit CT174 1,5mm; Ceresit CT77	≤ 1,0m		
7	Dangerous substances	see MSDS		
8	Bond strength between base coat and insulation product (EPS)			
	Base coat:	Ceresit CT100		
	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 CT81/ Ceresit ZS; Ceresit CT82/ Ceresit ZU; Ceresit CT83; Ceresit CT80/ Ceresit Thermo Universal; Ceresit CT85		
	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)					
	Adhesives:	Ceresit CT81/ Ceresit ZS; Ceresit CT82/ Ceresit ZU; Ceresit CT83; Ceresit CT80/ Ceresit Thermo Universal; Ceresit CT85				
	Under dry conditions	≥ 0,08MPa				
	48h immersion in water + 2h drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 0,03MPa				
	48h immersion in water + 7 days drying at (23 ± 2)°C and (50 ± 5)% RH	≥ 0,08MPa				
11	Tensile strength perpendicular to the faces of EPS					
	Adhesives:	Ceresit CT81/ Ceresit ZS; Ceresit CT82/ Ceresit ZU; Ceresit CT83; Ceresit CT80/ Ceresit Thermo Universal; Ceresit CT85				
		≥ 80 kPa	≥ 100 kPa	≥ 150 kPa		
		40%	40%	40%		
12	Fixing strength (displacement test)	Test is not required; as ETICS complies the requirements of ETAG 004 p.5.1.4.2				
13	Thermal resistance	Calculated from the thermal resistance of the insulation product acc. ETA-13/0086 p. 3.5.1				
14	Bond strength after ageing Rendering system: Base coat Ceresit CT100 and:					
	Ceresit CT60 1,5mm; Ceresit CT72 1,5mm; Ceresit CT74 1,5mm; Ceresit CT79 1,5mm; Ceresit CT174 1,5mm; Ceresit CT77	≥ 0,08MPa				
15	Characteristics of other system components					
	Thermal insulation product (EPS Panels)	Acc. ETA-13/0086 Annex 1				
	Anchors	Acc. ETA-13/0086 Annex 2				
	Glass fibre meshes Ceresit CT325, Ceresit CT327	Acc. ETA-13/0086 Annex 2				

Foregoing parameters are applicable to the use of the system consisting of **Ceresit Ceretherm Impactum**
- Adhesives: **Ceresit CT81 / Ceresit ZS; Ceresit CT82 / Ceresit ZU; Ceresit CT83; Ceresit CT80 / Ceresit Thermo Universal; Ceresit CT85**
- Base coat: **Ceresit CT100**
- Finishing coats: **Ceresit CT60 1,5mm; Ceresit CT72 1,5mm; Ceresit CT74 1,5mm; Ceresit CT174 1,5mm; Ceresit CT79 1,5mm; Ceresit CT77**
- Insulation product: **EPS panels acc. EN 13163; (see ETA-13/0086 Annex 1 for product characteristics)**
- Anchors: acc. **ETA-13/0086 Annex 2 for product characteristics**
- Glass fiber meshes: **Ceresit CT 325, Ceresit CT327; (see ETA-13/0086 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)