DECLARATION OF PERFORMANCE
No. 00434

1. Unique identification code of the product-type: **Ceresit Ceretherm Universal XPS**
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**
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-13/0807 of 28/06/2023**

Technical Assessment Body: **Instytut Techniki Budowlanej**

Notified body/ies: **Instytut Techniki Budowlanej, nr 1488, Zakład Certyfikacji 1488-CPR-0456/Z**

7. Declared performance/s:

No	Essential characteristics	Performance	System/s of AVCP	Harmonised technical specification
1	Reaction to fire		System 2+	EAD 040083-00-0404
	ETICS CERESIT CERETHERM UNIVERSAL XPS with XPS boards (reaction to fire class E) and rendering system: Adhesive: Ceresit CT80 / Ceresit Thermo Universal Base coat: Ceresit CT80 / Ceresit Thermo Universal Finishing coats: Ceresit CT35, Ceresit CT137, Ceresit CT720 (with relevant key coats) Decorative coats: CT42, CT44, CT48, CT49, CT54, CT721	B - s1, d0		
	ETICS CERESIT CERETHERM UNIVERSAL XPS with XPS boards (reaction to fire class E) and rendering system: Adhesive: Ceresit CT80 / Ceresit Thermo Universal Base coat: Ceresit CT80 / Ceresit Thermo Universal Finishing coats: Ceresit CT72, Ceresit CT73, Ceresit CT74, Ceresit CT75, Ceresit CT174, Ceresit CT175 (with relevant key coats) Decorative coats: Ceresit CT42, Ceresit CT44, Ceresit CT48	B – s2, d0		
	ETICS CERESIT CERETHERM UNIVERSAL XPS with XPS boards (reaction to fire class E) and rendering system: Adhesive: Ceresit CT80 / Ceresit Thermo Universal Base coat: Ceresit CT80 / Ceresit Thermo Universal Finishing coats: Ceresit CT59, Ceresit CT60, Ceresit CT63, Ceresit CT64 (with relevant key coats) Decorative coats: Ceresit CT42, Ceresit CT44, Ceresit CT48, Ceresit CT49	C – s2, d0		
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/m2		
	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, Ceresit CT720 + Ceresit CT721, Ceresit CT60, Ceresit CT63, Ceresit CT64, Ceresit CT72, Ceresit CT73, Ceresit CT75, Ceresit CT174, Ceresit CT175, Ceresit CT59	Category III		
	Ceresit CT74	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 (XPS) Base coat Ceresit CT80 / Ceresit Thermo Universal			
	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 CT80 / Ceresit Thermo Universal		
	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 (XPS)			
	Adhesives:	Ceresit CT80 / Ceresit Thermo Universal		
	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	Fixing strength (transverse displacement test)	Test is not required because the ETICS fulfils the criteria E * d ≤ 50.000N/mm		

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	≥ 80 kPa		
13	Characteristics of other system components			
	Thermal insulation product (XPS Panels)	Acc. ETA-13/0807 Annex B		
	Glass fibre meshes	Acc. ETA-13/0807 Annex C2		

Foregoing parameters are applicable to the use of the system consisting of **Ceresit Ceretherm Universal XPS**
- 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: **XPS panels acc. EN 13164; (see ETA-13/0807 Annex B for product characteristics)**
- Glass fibre meshes: **Ceresit CT 325; (see ETA-13/0807 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) Joanna Jarzyna

(signature)

Piotr Urynek
Quality Manager CEE North

(name and function)

(signature)

Stąporków, 15.11.2023

(place and date of issue)