# DECLARATION OF PERFORMANCE
## No. 00424

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| 1. | Unique identification code of the product-type: | Ceresit Ceretherm Wool Classic |
| 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-09/0026 of 30/06/2023 |
| | Technical Assessment Body: | Instytut Techniki Budowlanej |
| | Notified body/ies: | Instytut Techniki Budowlanej, nr 1488, Zakład Certyfikacji 1488-CPR-0440/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 WOOL CLASSIC with MW boards (reaction to fire class A1; density≤ 90 kg/m$^3$) and rendering system:<br>-Adhesive: CT 180, CT 190<br>-Base coat: CT 190<br>- Finishing coats: CT 74, CT 75, CT 174, CT 175, CT 60, CT 63, CT 64, CT 79, CT 720 (with CT16 key coat)<br>-Decorative coats: CT 48, CT 49, CT54, CT 55, CT721 | B - s1, d0 | | |
| | ETICS CERESIT CERETHERM WOOL CLASSIC with MW boards (reaction to fire class A1; density≤ 90 kg/m$^3$ ) and rendering system:<br>- Adhesive: CT 180, CT 190<br>- Base coat: CT 190<br>- Finishing coats: CT 77, CT 177, CT 710 sandstone and granite (with CT 16 key coat) | B – s2, d0 | | |
| | ETICS CERESIT CERETHERM WOOL CLASSIC with MW boards (reaction to fire class A1; density≤ 90 kg/m$^3$) and rendering system:<br>- Adhesive: CT 180, CT 190<br>- Base coat: CT 190<br>- Finishing coats: CT 35, CT 137, CT 72, CT 73, CT 76, CT 720 (with CT 15, CT 16 key coat)<br>-Decorative coats: CT 48, CT 49, CT 54, CT 55 | A2 - s1, d0 | | |
| 2 | Water absorption after 1 hour<br>Base coat CT 190 | < 1,0 kg/m$^2$ | | |
| | Water absorption after 24 hours<br>Base coat CT 190 | < 0,5 kg/m2 | | |
| | Water absorption after 24 hours<br>Rendering system: Base coat CT 190 (with the key-coat)+ finishing coat: CT 35, CT 137, CT 72, CT 73, CT 74, CT 75, CT 76, CT 174, CT 175, CT 60, CT 63, CT 64, CT 77, CT 177, CT 79, CT 720 + CT 721, 710 sandstone, CT 710 granite | | | |
| 3 | Watertightness. Condition after thermal and humid cycles | Resistant | | |
| 4 | Watertightness. Condition after freeze and thaw cycles | Resistant | | |
| 5 | Impact resistance<br>Rendering system: Base coat CT 190 (with the key-coat)+ finishing coat : | | | |
| | CT 35, CT 137, CT72 1,0mm, CT 74 1,0mm, CT 60 0,5mm, CT 60 1,0mm CT 63, CT 64 | Category III | | |
| | CT 72 1,5mm, CT 73, CT 74 1,5mm, CT 75, CT 76 1,5 mm, CT 174, CT 175, CT 60 1,5mm, CT 720 (with CT 721), CT 710 sandstone | Category II | | |
| | CT 79, CT 77, CT 177, CT 710 granite | Category I | | |
| 6 | Water vapour permeability<br>Rendering system:<br>Base coat CT190 ( with the key-coat)+ finishing coat:<br>CT 35, CT 137, CT 72, CT 73, CT 74, CT 75, CT 76, CT 174, CT 175, CT 60, CT 63, CT 64, CT 77, CT 177, CT 79,<br>CT 720 (with CT 721), CT 710 sandstone, CT710 granite | ≤ 1,0m | | |
| 7 | Dangerous substances | NPD | | |
| 8 | Bond strength between base coat and insulation product (MW lamella) | | | |
| | Base coat: | CT 190 | | |
| | 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: | CT 180, CT 190 | | |
| | 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 | Bond strength between adhesive insulation product (MW lamella) | | | |
| | Adhesives: | CT 180, CT 190 | | |
| | 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 | Tensile strength perpendicular to the faces of MW | CT 180, CT 190 | | |
| | Adhesives: | ≥ 7,5kPa / 40% ; ≥ 10kPa / 40% ; ≥ 15kPa / 40% ; ≥ 80kPa / 100% ; ≥ 100kPa / 100% | | |
| 12 | Fixing strength (transverse displacement test) | Test is not required because the ETICS fulfils the criteria<br>E * d ≤ 50.000N/mm | | |
| 13 | Thermal resistance and thermal transmittance of ETICS | See Annex A 10 | | |

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| 14 | Bond strength after ageing<br>Rendering system:<br>Base coat CT190 (with the key-coat)+ finishing coat: | | | | | |
| | CT 35, CT 137, CT 72, CT 73, CT 74, CT 75, CT 76, CT 174, CT 175, CT 60, CT 63, CT 64, CT 77, CT 177, CT 79, CT 720 (with CT 721), CT 710 sandstone, CT 710 granite | ≥ 80 kPa | | | | |
| 15 | Wind load resistance | | | | | |
| | Anchors: plate diameter ≥60 mm, MW panels: thickness ≥80 mm, tensile strength perpendicular to faces ≥ 7,5 kPa | Failure load, kN for $R_{panel}$, dry conditions: | Failure load, kN for $R_{panel}$, wet conditions: | Failure load, kN for $R_{joint}$ (static foam block test): | | |
| | | Minimum value:0,29<br>Average value: 0,31 | Minimum value:0,22<br>Average value: 0,24 | Minimum value:0,27<br>Average value: 0,31 | | |
| | Anchors: plate diameter ≥60 mm, MW panels dual density: thickness ≥80 mm, tensile strength perpendicular to faces ≥ 10 kPa | Failure load, kN for $R_{panel}$, dry conditions: | Failure load, kN for $R_{panel}$, wet conditions: | Failure load, kN for $R_{joint}$ (static foam block test): | | |
| | | Minimum value:0,39<br>Average value: 0,42 | Minimum value:0,28<br>Average value: 0,31 | Minimum value:0,33<br>Average value: 0,36 | | |
| | Anchors: plate diameter ≥60 mm, MW lamella: thickness ≥80 mm, tensile strength perpendicular to faces ≥ 80 kPa | Failure load, kN for $R_{joint}$, dry conditions: | Failure load, kN for $R_{joint}$, wet conditions: | Failure load, kN for $R_{joint}$ (static foam block test): | | |
| | | Minimum value:0,31<br>Average value: 0,37 | Minimum value:0,22<br>Average value: 0,25 | Minimum value:0,24<br>Average value: 0,26 | | |
| 16 | Characteristic properties of other system components | | | | | |
| | MW panels | Acc. ETA-09/0026 Annex B | | | | |
| | Glass fibre mesh CT325 | Acc. ETA-09/0026 Annex C2 | | | | |
| | Anchors | Acc. ETA-09/0026 Annex C1 | | | | |

Foregoing parameters are applicable to the use of the system consisting of **Ceresit Ceretherm Wool Classic:**
- Adhesives: **CT 180, CT 190**
- Base coat: **CT 190**
- Key coats: **CT 15, CT 16**
- Finishing coats: **CT 35, CT 137, CT 720, CT 72, CT 73, CT 74, CT 75, CT 76, CT 174, CT 175, CT 60, CT 63, CT 64, CT 79, CT 77, CT 177, CT 710 sandstone, CT 710 granite**
- Decorative coats: **CT 48, CT 49, CT 54, CT 55, CT 721**
- Insulation product: **Mineral Wool (MW) panels and lamella acc. EN 13162; (see ETA-09/0026 Annex B for product characteristics)**
- Glass fibre meshes: **CT 325 (see ETA-09/0026 AnnexC 2 for product characteristics)**
- Anchors: **Anchors (see ETA-09/0026 Annex C1 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)