

DECLARATION OF PERFORMANCE

according to the 305/2011/EU 4. Article of Regulation of the European Parliament and the Council

Number:


DOP RBS 03/22-01

RAVATHERM™

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|---|---|
| 1. Unique identification code of the product-type: | RAVATHERM MANTOPRO 30 MW EN 13162:2012+A1:2015 T5-CS(10/30)-PL(5)-TR10-WL(P)3-WS1-MU1-DS(70,-) |
| 2. Intended use of the construction product as foreseen by the manufacturer: | Thermal Insulation for Buildings (ThIB) |
| 3. Manufacturer: | Rbs Ravago İnşaat Yalıtım Ürünleri A.Ş. Org. San. Böl. 20.cad. No:54 Kayseri |
| 4. Authorized representative: | Not Relevant |
| 5. AVCP system(s): | System 1 –system 3 (NB 2164) |
| 6a. Harmonized technical specification: Name and identification number of notified body: | EN 13162:2012+A1:2015 TZUS s.p.- NB 1020 performed Factory Production Control (FPC) under system 1 and issued certificate of constancy of performance,1020-CPR-010044997 and evaluation report No:010-032204 system 3 (NB 2164) |

| 7. Performance(s) of the declaration | | |
|---|---|-------------------------|
| Essential characteristic | Symbol | Performance |
| Thermal conductivity 50-100 mm | λ_d | 0,035 (W/mK) |
| Thermal resistance | R_d | * |
| Dimensional tolerances | T | T5 |
| Compressive strength | CS(10Y) | 30 (kPa) |
| Tensile strength perpendicular to faces | TR | 10 (kPa) |
| Reaction to fire | RtF | A1 |
| Continuous glowing combustion | - | |
| Long term water absorption | WL(P) | ≤ 3,0 kg/m ² |
| Short term water absorption | WS | ≤ 1,0 kg/m ² |
| Water vapour transmission | MU | MU1 |
| Durability of compressive strength against ageing/degradation (compressive creep) | CC (2/1,5/50) | NPD |
| Durability of reaction to fire against heat, weathering, ageing/degradation | not change with time | |
| Durability of thermal resistance against heat, weathering, ageing/degradation | | |
| Thermal resistance and thermal conductivity | - | not change with time |
| Durability characteristics (Dimensional stability at specified temperature) | DS(70,-) Declared;The Relative changes in thickness | ≤ 1,0% |
| Release of dangerous substances to the indoor environment | - | |
| Dangerous materials | The product has no other known health or environmental effects. | |
| Other information | Availability of declaration of performance: ravatherm.com/ | |

| * Thickness mm | R_d (m ² K/W) | Thickness mm | R_d (m ² K/W) | Thickness mm | R_d (m ² K/W) |
|----------------|----------------------------|--------------|----------------------------|--------------|----------------------------|
| 50 mm | 1,40 | | | | |
| 60 mm | 1,70 | | | | |
| 70 mm | 2 | | | | |
| 80 mm | 2,25 | | | | |
| 100 mm | 2,85 | | | | |
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| The performance of the product identified in point 1. is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. | | |
| Signed for and on behalf of the manufacturer by: | Place and date of issue: | Sign: |
| AYSEGUL KOPAN Quality Manager | Kayseri 20.02.2023 |  |

NPD – No Performance Determined