

**DECLARATION OF PERFORMANCE  
NO 10162**



|    |   |   |
|----|---|---|
| 1. | Unique identification code of the product-type  | <b>PAROC ROS 30g</b>  |
| 2. | Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR        | <b>See product label</b>  |
| 3. | Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer | <b>Thermal Insulation for Buildings (ThIB)</b>  |
| 4. | Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5)                      | <b>Paroc Group, Energiakuja 3, FI-00180 Helsinki, Finland</b>   |
| 5. | Where applicable, name and contact address of the authorized representative whose mandate covers the tasks under specified in Article 12(2)             | <b>Not relevant</b>   |
| 6. | System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V                     | <b>Systems 1 and 3</b>  |
| 7. | In case of the declaration of performance concerning a construction product covered by a harmonised standard  | <b>Notified certification body No. 0809 performed, carried out the determination of the product type, the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of constancy of performance for reaction to fire. Notified testing laboratory No. 0809, performed the test reports for the other relevant declared characteristics.</b> |

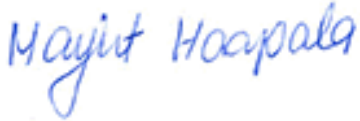
8. Declared performance

| Essential characteristics   | Performance                             |                              |                       | Harmonised technical specification |
|---|---|------------------------------|-----------------------|------------------------------------|
| Thermal resistance  | Thermal Resistance                      | $R_D$                        | See table below       | EN 13162                           |
|   | Thermal Conductivity                    | $\lambda_D$                  | 0.036 W/mK            |                                    |
|   | Thickness                               | $d_N$                        | T5                    |                                    |
| Reaction to Fire  | Reaction to Fire                        | A1                           |                       |                                    |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics              | A1                           |                       |                                    |
| Durability of thermal resistance against heat, weathering, ageing/degradation | Thermal Resistance                      | $R_D$                        | See table below       |                                    |
|   | Thermal Conductivity                    | $\lambda_D$                  | 0.036 W/mK            |                                    |
|   | Durability Characteristics              | DS(70,-)                     | ≤ 1 %                 |                                    |
| Compressive strength  | Compressive Stress                      | CS(10)                       | 30 kPa                |                                    |
|   |   | CS(Y)                        | NPD                   |                                    |
|   | Point Load                              | PL(5)                        | 250 N                 |                                    |
| Tensile/Flexural Strength   | Tensile Strength Perpendicular to faces | TR                           | NPD                   |                                    |
| Durability of compressive strength against ageing/ degradation                | Compressive Creep                       | CC( $i_1/i_2/y$ ) $\sigma_c$ | NPD                   |                                    |
| Water Permeability  | Short term water absorption             | WS                           | ≤ 1 kg/m <sup>2</sup> |                                    |
|   | Long term water absorption              | WL(P)                        | ≤ 3 kg/m <sup>2</sup> |                                    |
| Water Vapour Transmission   | Water Vapour Transmission               | MU                           | 1                     |                                    |
|   | Water vapour resistance                 | Z                            | NPD                   |                                    |
| Impact Noise Transmission Index (for Floors)                                  | Dynamic Stiffness                       | SD                           | NPD                   |                                    |
|   | Thickness                               | T                            | NPD                   |                                    |
|   | Compressibility                         | CP                           | NPD                   |                                    |
|   | Air Flow Resistivity                    | AF <sub>r</sub>              | NPD                   |                                    |
| Acoustic Absorption Index   | Sound Absorption                        | AP                           | NPD                   |                                    |
| Direct Airborne Sound Insulation Index  | Air Flow Resistivity                    | AF <sub>r</sub>              | NPD                   |                                    |
| Release of dangerous substances   |   |                              | NPD                   |                                    |
| Continuous glowing combustion   |   |                              | NPD                   |                                    |

|     |                           |
|-----|---------------------------|
| NPD | No Performance Determined |
|-----|---------------------------|

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:  
 Marjut Haapala, Product Certification Manager, Paroc Group Oy



Helsinki 29.06.2018

$$R_D, \lambda_D = 0,036 \text{ W/mK}$$

| d [mm]              | 10   | 20   | 30   | 40   | 50   | 60   | 70   | 80   | 90   | 100  | 110  | 120  | 130  | 140  | 150  | 160  | 170  | 180  | 190  | 200  | 210  | 220  | 230  | 240  | 250  |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| $R_D = d/\lambda_D$ | 0,25 | 0,55 | 0,80 | 1,10 | 1,35 | 1,65 | 1,90 | 2,20 | 2,50 | 2,75 | 3,05 | 3,30 | 3,60 | 3,85 | 4,15 | 4,40 | 4,70 | 5,00 | 5,25 | 5,55 | 5,80 | 6,10 | 6,35 | 6,65 | 6,90 |