



**RAVAPROOF™**

# DECLARATION OF PERFORMANCE

( In accordance with the Annex III of Regulation 305/2011 (EU) No. 305/2011)

## DECLARATION OF PERFORMANCE

**No: DOP.SAPPHIRE G4 . 20.11.20**

1-Unique identification of the product-type

**RAVAPROOF SAPPHIRE**

2-Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4)

**RAVAPROOF SAPPHIRE G4 Lot number: 012203190103**

3-Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

- **EN 13969 Flexible sheets for waterproofing- Bitumen damp proof sheets including bitumen basement tanking sheets**
- **EN 13707 Reinforced bitumen sheets for roof waterproofing**

4-Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

**Center: RAVAGO GROUP Moerenstraat 85A B-2370 Arendonk BELGIUM**  
**Manufacturer: RBS RAVAGO İNŞAAT YALITIM ÜRÜNLERİ A.Ş. Arslanbey O.S.B. 5th Street No: 11 Kocaeli**

5-Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2)

...

6-System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**System 2+**

7- In case of the declaration of performance concerning a construction product covered by a harmonised Standard:

**Notified body N° 2765, Szutest Ltd. issued certificate of conformity of the factory production control as a result of evaluation and verification of the constancy of performance under system 2+ .**

8- In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

**Not relevant**

9- Declared Performance

| Essential characteristics           | Performance       |            |             | Harmonised Technical Specification                |
|-------------------------------------|-------------------|------------|-------------|---|
|                                     | Unit              | Tolerance  | SAPPHIRE G4 |   |
| Mass per unit area                  | kg/m <sup>2</sup> | ±10%       | 3           | EN 13707+ A2: 2010 & EN 13969:2004 EN 13969: 2007 |
| Length                              | m                 | min(-0,03) | 10          |   |
| Width                               | cm                | min(-2)    | 100         |   |
| Straightness                        |                   |            | pass        |   |
| Dimensional stability               | %                 |            | NPD         |   |
| Flexibility at low temperature      | °C                | ≤          | 0           |   |
| Flow resistance at elevated temp.   | °C                | ≥          | 110         |   |
| Tensile strength (MD/CD)            | N/50mm            | ±25%       | 300/200     |   |
| Elongation (MD/CD)                  | %                 | ±1         | 2/2         |   |
| Impact resistance                   | mm                | min        | 500         |   |
| Sheer resistance of joints          | N/50mm            | ±20%       | 230         |   |
| Tearing resistance (with nail)      | N                 |            | NPD         |   |
| Reaction to fire                    | class             |            | E           |   |
| Water vapour properties             |                   | min        | 20 000      |   |
| Dangerous substances                | one/none          |            | none        | EN 13707+ A2: 2010                                |
| Watertightness                      | 10kPa             |            | pass        |   |
| Resistance to static loading Mt.A   | Kg                |            | NPD         |   |
| Peel resistance of joints           | N/50mm            |            | NPD         |   |
| External fire performance           | class             |            | NPD         |   |
| Form stability under cyclical temp. | %                 |            | NPD         |   |
| Watertightness after stretching     |                   |            | NPD         |   |
| Resistance to root penetration      |                   |            | NPD         |   |
| Artificial ageing +Cold flexibility | °C                |            | NPD         |   |
| Artificial ageing +Flow resistance  | °C                |            | NPD         |   |
| Adhesion of granules                | %                 |            | NPD         |   |
| Watertightness -Type A              | 2kPa              |            | pass        |   |
| Resistance to static loading Mt.B   | Kg                | min        | 5           |   |
| Durability (Artificial ageing)      | 2kPa              |            | pass        |   |

**NPD: No Performance Determined**

10-The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Gökhan İme  
 R&D Specialist  
 KOCAELİ, 23.06.2022