DECLARATION OF PERFORMANCE  
according to Annex III of the Regulation (EU) No. 305/2011  
amended by Commissions delegated Regulation (EU) No. 574/2014

No. R2R PMB SBS 2018 v3

1. Unique identification code of the product-type:

**R2R PMB SBS**

2. Intended uses:

**Additive used as a constituent material for asphalt production**

3. Manufacturer:

**Roof2Road**

**Taurus Avenue 165**

**2132 LS Hoofddorp**

**The Netherlands**

5. System of AVCP:

**AVCP system 2+**

6b. European Assessment Document:

**230012-00-0105,**

**“Additives for asphalt production – additive from bitumen granules made from recycled bituminous roofing felt”**

European Technical Assessment:

**ETA 17/0749 “R2R PMB SBS”**

Technical Assessment Body:

**Kiwa Nederland B.V.**

Notified body:

**0620 – Kiwa Nederland B.V.**

**Certificate of Constancy of Performance No. 0620-CPR-K98719**

7. Declaration of performances:

**(BWR 3) Hygiene, health and the environment**

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| --- | --- |
| Table 3.1 | |
| Characteristic | Assessment |
| Content, emission ad release of dangerous substances\* | Tar: R2R PMB does not show signs of tar content in accordance with the defined assessment methods.  PAH (16) content is in average 23 mg/kg  PAH (10 VROM) content is in average 17 mg/kg  B(a)P content is in average 2,3 mg/kg  R2R PMB does not contain PAH in concentrations that exceed the utilization potential limit. |

**(BWR 4) Safety and accessibility in use**

|  |  |
| --- | --- |
| Table 3.2 | |
| Characteristic | Assessment |
| Softening point Ring & Ball (˚C)  Penetration (1/10 mm), analysis 25°C for unmodified bitumen  Bitumen (binder) content (% m/m)  Foreign matter (% v/v)  Particle size after bitumen extraction  Sieve 63 µm (passing) | ≤ 100 ˚C  ≥ 15 (1/10 mm)  ≥ 45 % (m/m)  Maximum 1 % (v/v)  0 -16 mm  31 % (m/m) ± 10% |

The performance of the product identified above is in conformity with the set of declared performances. 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:

Roof2Road BV

Hoofddorp, 01-01-2021