

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 2018 v2

1. Unique identification code of the product-type:

R2R PMB

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”

Technical Assessment Body:

Kiwa Nederland B.V.

Notified body:

**0063 – Kiwa Nederland B.V.
Certificate of Constancy of Performance No. 0620-CPR-K98719**

7. Declaration of performances:

(BWR 3) Hygiene, health and the environment

Table 3.1	
Characteristic	Assessment
Content, emission and release of dangerous substances*	<p>Tar: R2R PMB does not show signs of tar content in accordance with the defined assessment methods.</p> <p>PAH (16) content is in average 32 mg/kg</p> <p>PAH (10 VROM) content is in average 22 mg/kg</p> <p>B(a)P content is in average 2,4 mg/kg</p> <p>R2R PMB does not contain PAH in concentrations that exceed the utilization potential limit.</p>

(BWR 4) Safety and accessibility in use

Table 3.2	
Characteristic	Assessment
Softening point Ring & Ball (°C)	≤ 100 °C
Penetration (mm), standard analysis 25°C for unmodified bitumen	≥ 15 (1/10 mm)
Bitumen (binder) content (% m/m)	≥ 45 % (m/m)
Foreign matter (% v/v)	Maximum 1 % (v/v)
Particle size after bitumen extraction	0 -16 mm
Sieve 63 µm (passing)	18 % (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