

## QUALITY ASSURANCE SYSTEM – PRODUCT DATA SHEET

<b><u>Product reference N°</u></b>	AS13 (suffix with B or G) <sup>a</sup> Issue N° 9
<b><u>Product Description</u></b>	HRA 40/14F surf 40/60 or 100/150 <sup>b</sup> rec PSV55 or 65 <sup>c</sup> Proprietary Mix
<b><u>Trade Description</u></b>	40%, 14mm Hot Rolled Asphalt
<b><u>Coarse Aggregate</u></b>	Basalt or Gritstone
<b><u>Fine Aggregate</u></b>	Blend of Basalt Dust and Pit Sand <sup>d</sup>

### Specification Details

John Wainwright proprietary specification:

<u>Sieve Size</u>	<u>Conformance Specification</u>	<u>Declared Target</u>
20	98 – 100	100
14	88 – 100	96
10	66 – 80	73
2	52 – 62	57
0,500	33 – 41	37
0,250	17 – 25	21
0,063	5 – 9	7
Target Binder Content %	6,2 – 7,4	6,8
Minimum Layer Thickness	Machine 35mm	
Binder Penetration	Machine: 40/60 or 100/150 Handlay: Generally 100/150	
Target mixing Temperature	100/150	140-170°C
Target Mixing Temperature	40/60	160-190°C

<sup>b</sup>Denotes specified Binder Penetration.

<sup>c</sup>Minimum PSV of Basalt Coarse Aggregate to be **55 (PSV<sub>55</sub>)** & Gritstone Coarse Aggregate to be **65 (PSV<sub>65</sub>)**

<sup>d</sup>Supplied by the current approved sand source

### Recommendations of use

Heavily trafficked or high speed roads, Lorry Parks and area's requiring additional thickness.

Due to the increased Stone Content, it is recommended that the Rate of Spread for Coated Chippings is reduced accordingly, otherwise P.C.C. embedment / retention will be impaired.

For further technical information regarding application , specification and use, consult the **Quarry Laboratory**.

<sup>a</sup> AS13 to be suffixed with B when Basalt coarse aggregate is used and G for Gritstone coarse aggregate ie AS13B or AS13G.

Issued by:

Ian Timberlake



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