

QUALITY ASSURANCE SYSTEM – PRODUCT DATA SHEET

<u>Product reference N°</u>	SMA2 (Suffix with R,B,G or +) ^a Issue N° 10
<u>Product Description</u>	SMA 14 surf 40/60, 70/100 or 100/150 ^b PSV ^a BS EN 13108-5
<u>Trade Description</u>	14mm SMA
<u>Aggregate</u>	^a Basalt PSV ₅₅ or South Wales Gritstone PSV ₆₀ or PSV ₆₅

Specification Details

PD 6691:2007, Table D.1:

<u>Sieve Size</u>	<u>Conformance Specification</u>	<u>Declared Target</u>
20	98 – 100	100
14	87 – 100	95
10	38 – 52	45
6,3	23 – 37	30
2	19 – 31	25
0,063	8 – 12	10
Target Binder Content %	5,9 – 7,1	6,5
Binder Drainage	0,0%	
Typical Texture Depth	1,7mm	
Air Voids	2,4%	
Minimum Compacted Thickness	25mm	
Binder Penetration	Machine: 40/60, 70/100 or 100/150	
Target Mixing Temperature	40/60 170 - 200°C	
	70/100 150 - 180°C	
	100/150 140 - 170°C	

^bDenotes Binder Penetration as specified.

Recommendations of use

To form a durable, deformation resistant, textured, noise and skid reducing Surface Course for Roads etc.
Application: Preferable by conventional Asphalt Paver, but can be placed by hand using skilled labour.
The finish of the surface can be blemished if equipment such as rollers are not cleaned before use.

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

^a**NOTE** – SMA2 to be suffixed with **B** when **Basalt** (PSV₅₅) coarse aggregate is used, **G** when **Gritstone** (PSV₆₀) coarse aggregate is used & + when Gritstone (PSV₆₅) is used ie **SMA2B, SMA2G or SMA2+ & R** for **RED**

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Ian Timberlake



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