

QUALITY ASSURANCE SYSTEM – PRODUCT DATA SHEET

<u>Product reference N°</u>	SMA1I (Suffix with B,G, +, R) ^a	Issue N°2
<u>Product Description</u>	SMA 10 ind surf 40/60, 70/100 ^b PSV ^a	
<u>Trade Description</u>	10mm Industrial SMA [Proprietary]	
<u>Aggregate</u>	^a Basalt PSV ₅₅ or South Wales Gritstone PSV ₆₀ or PSV ₆₅	

Specification Details: BS EN 13108-5

<u>Sieve Size</u>	<u>Conformance Specification</u>	<u>Declared Target</u>
14	98 – 100	100
10	88 – 100	96
6,3	40 – 54	47
2	20 – 32	26
0,063	8 – 12	10
Target Binder Content %	5,8 – 6,8	6,3
Binder Drainage	0,1%	
Typical Texture Depth	1,3mm	
Air Voids	2,9%	
Minimum Compacted Thickness	20mm	
Binder Penetration	Machine:	40/60, 70/100
Target Mixing Temperature	40/60	170 - 200°C
	70/100	150 - 180°C

^bDenotes Binder Penetration as specified

Tack Coat required for thickness less than 26mm: **Bituminous Emulsion (K170) applied 0.3 to 0.5 L/m².**

Recommendations of use

To form a durable, deformation resistant, Surface Course for Industrial applications.

Application: By conventional Asphalt Paver.

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**.

NOTE –^aSMA1 to be suffixed with a **B** when **Basalt (PSV₅₅)** coarse aggregate is used, **G** when **Gritstone (PSV₆₀)** coarse aggregate is used and + when **Gritstone (PSV₆₅)** is used, **R** for red ie **SMA1B, SMA1G SMA1+, SMA1R**.

Issued by:

Ian Timberlake



Date Issued:

22/3/13