

## QUALITY ASSURANCE SYSTEM – PRODUCT DATA SHEET

|                                    |   |                   |
|------------------------------------|---|-------------------|
| <b><u>Product reference N°</u></b> | <b>MC5</b>  | <b>Issue N°13</b> |
| <b><u>Product Description</u></b>  | <b>AC 20 dense bin 40/60, 70/100, 100/150 or 160/220* PSV55</b> |                   |
| <b><u>Trade Description</u></b>    | <b>20mm Dense Binder Course</b>                                 |                   |
| <b><u>Aggregate</u></b>            | <b>All Basalt</b>   |                   |

### **Specification Details**

#### **EN13108-1**

| <u>Sieve Size (mm)</u>       | <u>Conformance Specification</u>  | <u>Declared Target</u>                         |
|------------------------------|---|--|
| 31,5                         | 98 – 100  | 100  |
| 20                           | 89 – 100  | 98   |
| 10                           | 52 – 70   | 61   |
| 6,3                          | 38 – 56   | 47   |
| 2                            | 25 – 39   | 32   |
| 1                            | 15 – 25   | 20   |
| 0,250                        | 6 – 16  | 11   |
| 0,063                        | 3 – 9   | 6.0  |
| Target Binder Content %      | 4,1 – 5,3   | 4,7  |
| Nominal Layer Thickness (mm) | 50 – 100  |  |
| Binder Penetration           | Machine:  | 40/60, 70/100, 100/150 or 160/220 as specified |
|                              | Handlay:  | Generally 160/220                              |
| Target Mixing Temperature    | 160/200, 100/150 = 140 -170 °C - 70/100 = 150 -180 °C - 40/60: 160 to 190°C |  |

\* Binder Penetration as specified

### **Recommendations of use**

Formerly SWC3 of the South West Counties Regional Specification.

Normal binder course application, requiring a minimum aggregate P.S.V. of **PSV55**.

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

**Issued by:**

**Ian Timberlake**



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