



0120



**FP McCann Ltd
Knockloughrim Quarry
3 Drumard Road
Knockloughrim
Magherafelt
Co Londonderry
BT45 8QA**

10

0120 - SGS - GB10/81857

EN13108 - 4

Hot Rolled Asphalt for roads and other trafficked areas

SMA 10 surf PMB 65/105-60 PSV55

Mallusk Depot - Gencor Titan 2000

General requirements + empirical requirements

Void Content (EN13108-8 Procedure B:SSD)

- Maximum

$V_{max NR}$ (NR)

- Minimum

$V_{min NR}$ (NR)

Minimum voids filled with bitumen

$VFB_{min NR}$ (NR)

Maximum voids filled with bitumen

$VFB_{max NR}$ (NR)

Void in mineral aggregate

$VMA_{max NR}$ (NR)

Binder Drainage

$D_{0,3}$

Water sensitivity (EN12697-12)

ITSR₈₀

Resistance to abrasion by studded tyres (EN12697-16, method A)

Abr_{NR} (NR)

Reaction to fire

Euroclass (NR)

Temperature of the mix

150°C to 180°C

Grading (Passing)

14mm Sieve

100%

10mm Sieve

93%

6,3mm Sieve

42%

2mm Sieve

23%

0,063mm Sieve

7,4%

Binder Content

$B_{min 5,3}$ (5,3%)

Resistance to permanent deformation

- Large Device: Proportional Rut Depth (EN 12697-22, Large device, in Air)

P_{NR} (NR)

- Small Device: Wheel Tracking Slope (EN 12697-22, Small device, method B, in Air)

$WTS_{Air 5}$

- Small Device: Proportional Rut Depth (EN 12697-22, Small device, method B, in Air)

$PRD_{Air 7}$



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SMA 14 surf PMB 65/105-60 PSV55
Mallusk Depot - Gencor Titan 2000**

General requirements + empirical requirements

Void Content (EN13108-8 Procedure B:SSD)

- Maximum

$V_{max NR}$ (NR)

- Minimum

$V_{min NR}$ (NR)

Minimum voids filled with bitumen

$VFB_{min NR}$ (NR)

Maximum voids filled with bitumen

$VFB_{max NR}$ (NR)

Void in mineral aggregate

$VMA_{max NR}$ (NR)

Binder Drainage

$D_{0,3}$

Water sensitivity (EN12697-12)

ITSR₈₀

Resistance to abrasion by studded tyres (EN12697-16, method A)

Abr_{NR} (NR)

Reaction to fire

Euroclass (NR)

Temperature of the mix

150°C to 180°C

Grading (Passing)

20mm Sieve

100%

14mm Sieve

98%

10mm Sieve

50%

6,3mm Sieve

38%

2mm Sieve

23%

0,063mm Sieve

7%

Binder Content

$B_{min 5,3}$ (5,3%)

Resistance to permanent deformation

- Large Device: Proportional Rut Depth (EN 12697-22, Large device, in Air)

P_{NR} (NR)

- Small Device: Wheel Tracking Slope (EN 12697-22, Small device, method B, in Air)

$WTS_{Air 5}$

- Small Device: Proportional Rut Depth (EN 12697-22, Small device, method B, in Air)

$PRD_{Air 7}$