



EC Declaration of Performance

John Gunn & Sons Ltd
Bower Quarry, Halkirk, Caithness KW12 6UY

13

Certificate No. 0086-CPR-599189

EN 13108-4 [Hot Rolled Asphalt for roads and other trafficked areas] Annex A
HRA 35/14C surf [PD 6691:2015+A1:2016 Table C.2C]
ACP Titan 1000 Asphalt Plant
Mix Code: 8

Mix Grading (% Passing)	Sieve	Recent Mean	Target	Spec. Range
	20mm	100	100	98 - 100
	14mm	100	95	87 - 100
	10mm	78	78	71 - 85
	2mm	62	59	54 - 64
	0,50mm	33	33	25 - 41
	0,250mm	15	18	10 - 26
	0,063mm	6.8	8	6,0 - 10,0

Binder Content (%) 7,5 6,9 - 8,1

Temperature of the mixture (°C) 40/60 Pen 150 - 190
100/150 Pen 140 - 180

Void Content

- maximum V_{max} NR
- minimum V_{min} NR

Water Sensitivity

ITSR NR

Resistance to abrasion to studded tyres

ABR NR

Stiffness

- maximum S_{min} NR
- minimum S_{max} NR

Resistance to permanent deformation

f_{cmax} NR

Course & Fine Aggregate : Crushed Rock ex Bower Quarry Aggregate Plant
Filler : Reclaimed ex Bower Quarry Asphalt Plant
Imported ex Highland Lime Co.

CE Certificate of Conformity with EN 13108-4:2016 available on request.

Signed :

David D. Sutherland, Director

Valid From : 01/04/2019

Issued : 01/05/2019



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Certificate No. 0086-CPR-599189

EN 13108-4 [Hot Rolled Asphalt for roads and other trafficked areas] Annex A
HRA 55/14C surf [PD 6691:2015+A1:2016 Table C.2C]
ACP Titan 1000 Asphalt Plant
Mix Code: 10

Mix Grading (% Passing)	Sieve	Recent Mean	Target	Spec. Range
	20mm	100	100	98 - 100
	14mm	96	94	87 - 100
	10mm	63	63	56 - 70
	2mm	41	40	35 - 45
	0,50mm	21	27	19 - 35
	0,250mm	15	16	8 - 24
	0,063mm	6,9	6	4,0 - 8,0

Binder Content (%) 5,4 5,8 5,2 - 6,4

Temperature of the mixture (°C) 40/60 Pen 150 - 190
100/150 Pen 140 - 180

Void Content

- maximum
- minimum

V_{max} NR
 V_{min} NR

Water Sensitivity

ITSR NR

Resistance to abrasion to studded tyres

ABR NR

Stiffness

- maximum
- minimum

S_{min} NR
 S_{max} NR

Resistance to permanent deformation

f_{cmax} NR

Course & Fine Aggregate : Crushed Rock ex Bower Quarry Aggregate Plant
Filler : Reclaimed ex Bower Quarry Asphalt Plant
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