

# Ayton C60B5-1

## Technical Data Sheet



## Slurry Seal Emulsion

### GENERAL

Ayton C60B5-1 is a cationic bitumen emulsion which complies with grade C60B5 of EN 13808:2013. It has been designed for use as a surface treatment slurry seal bitumen emulsion.

Ayton C60B5-1 is manufactured by Ayton Products within Management Systems accredited to ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018.

### SURFACING DESIGN

The design and implementation of slurry seal using Ayton C60B5-1 should be carried out in accordance with BS EN 12273, PD 6689, Design Manual for Roads and Bridges Volume 7 Section 5 Part 2: HD 37/99 and Sector Scheme Document 13.

### HEALTH AND SAFETY

Ayton C60B5-1 is classified as hazardous to the aquatic environment. For further information refer to our relevant Material Safety Data Sheet or contact our Safety, Health and Environment Department.

### SUPPLY

Availability, prices and conditions of sale are available from our Bitumen Products Sales Department.

### TECHNICAL SERVICE

Further technical information and advice is available from our Technical Department.

Product code:	C60B5-1
Revision:	03
Reviewed:	20.08.19
Next review:	31.12.21
Page:	1 of 2



Ayton Products is a trading name of Kier Integrated Services Limited

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<b>Cationic bituminous emulsion: Ayton C60B5-1 C60B5 to EN 13808:2013</b>		
Viscosity (dynamic)	20 – 300 mPa.s (Class 10)	EN 13302
Water effect on binder adhesion	NPD (Class 0)	EN 13614
Breaking behaviour	> 170 (Class 5)	EN 13075-1 (Forshammar)
Dangerous substances	NPD	-
<b>Residual binder recovered by evaporation from cationic bituminous emulsion according to EN 13074 -1</b>		
Consistency at intermediate service temperature	≤ 150 x 0.1 mm (Class 4)	EN 1426
Consistency at elevated service temperature	≥ 43 °C (Class 6)	EN 1427
Cohesion	NR (Class 0)	EN 13588
<b>Durability Stage 1 Binder recovered by evaporation (EN 13074-1) and subjected to stabilisation (EN 13074 -2)</b>		
Durability of consistency at intermediate service temperature	≤ 150 x 0.1 mm (Class 4)	EN 1426
Durability of consistency at elevated service temperature	≥ 43 °C (Class 6)	EN 1427
Durability of cohesion	NR (Class 0)	EN 13588
<b>Durability Stage 2 Binder recovered by evaporation (EN 13074-1) and subjected to stabilisation (EN 13074 -2) and ageing (EN 14769)</b>		
Durability of consistency at intermediate service temperature	NPD	EN 1426
Durability of consistency at elevated service temperature	NPD	EN 1427
Durability of cohesion	NR (Class 0)	EN 13588

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